

# Product Datasheet

## **PARD3/Par3 Antibody - Azide and BSA Free H00056288-D01P**

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00056288-D01P**

PARD3/Par3 Antibody - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 mg                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| Clonality           | Polyclonal                                                                                                       |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG                                                                                                              |
| Purity              | Protein A purified                                                                                               |
| Buffer              | PBS (pH 7.4)                                                                                                     |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                 | 56288                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol             | PARD3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity/Sensitivity | PARD3 - par-3 partitioning defective 3 homolog (C. elegans),                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen               | <p>PARD3 (AAH71566.1, 1 a.a. - 1340 a.a.) full-length human protein.</p> <p>MKVTVCFGRTTRVVPCGDGHMKVFSLIQQAVTRYRKAIAKDPNYWVHRLEH<br/>         GDGGILDLDLDDILCDVADDKDRLVAVFDEQDPHHGGDGTSASSTGTQSPEIFGS<br/>         ELGTNNVSAFQPYQATSEIEVTPSVLRANMPLHVRSSDPALIGLSTSVSDSNF<br/>         SSEEPSRKNPTRWSTTAGFLKQNTAGSPKTCDRKKDENYRSLPRDTSNWSNQ<br/>         FQRDNARSSLSASHPMVGKWLEKQEQDEEDGTEEDNSRVEPVGHADTGLEHIP<br/>         NFSLDDMVKLVEVPNDGGPLGIHVVPFSARGGRTLGLLVKRLEKGGKAEHENL<br/>         FREND CIVRINDGDLNRNRRFEQAQHMFRQAMRTPIIWFHVVPAANKEQYEQLS<br/>         QSEKNNYYSSRFSPDSQYIDNRSVNSAGLHTVQRAPRLNHPPEQIDSHSRLPH<br/>         SAHPSGKPPSAPASAPQNVFSTTVSSGYNTKKIGKRLNIQLKKGTEGLGFSITS<br/>         RDVTIGGSAPIYVKNILPRGAAIQDGRLLKAGDRLEIVNGVDLVGKSQEEVVSLLR<br/>         STKMEGTVSLLVFRQEDAFHPRELKAEDEDIVLTPDGTREFLTFEVPLNDSGSA<br/>         GLGVSVKGNRSKENHADLGIFVKSIINGGAASKDGRLRVNDQLIAVNGESLLGK<br/>         TNQDAMETLRRSMSTEGNKRGMQLIVARRISKCNELKSPGSPGPPELPIETAL<br/>         DDRERRISHSLYSGIEGLDESPSRNAALSRIMGKYQLSPTVNMPQDDTVIIEDN<br/>         RLPVLPPHLSLQSSSSSHDDVGFVTADAGTWAKAAISDSADCSLSPDVPVLA<br/>         FQREGFGRQSMSEKRTKQFSDASQLDFVKTRKSKSMDLGIADETKLN TVDDQ<br/>         KAGSPSRDVGPSLGLKKSSSLES LQTAVAEVTLNGDIPFHRPRPRIIRGRGCNE<br/>         SFRAAIDKSYDKPAVDDDDDEGMETLEEDTEESSRSGRESVSTASDQPSHSLER<br/>         QMNGNQEKGDKTDRKKDKTGKEKKKDRDKEKDKMKAKKGMLKGLGDMFRF<br/>         GKHRKDDKIEKTGKIKIQESFTSEERIRMKQE QERIQAKTREFRERQARERDY<br/>         AEIQDFHRTFGCDDEL MYGGVSSYEGSMALNARPQSPREGHMMDALYAQVK<br/>         KPRNSKPSPVDSNRSTPSNHDRIQLRQEFQQAQDEDEDVDRRRTYSFEQPW<br/>         PNARPATQSGRHSVSVEVQMQRQRQEERESSQQAQRQYSSLPRQSRKNAS<br/>         SVSQDSWEQNYSPGEGFQSAKENPRYSSYQGS RNYLGGHGFNARVMLET<br/>         QELLRQEQRRKEQQMKKQPPSEGPSNYDSYKKVQDPSYAPPKGPFRQDVPP<br/>         SPSQVARLNLRLQTPEKGRPFYS</p> |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Product Application Details |                                        |
|-----------------------------|----------------------------------------|
| Applications                | Western Blot, Proximity Ligation Assay |



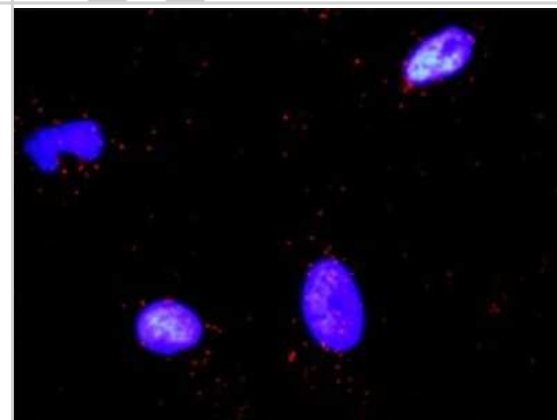
|                              |                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recommended Dilutions</b> | Western Blot 1:500, Proximity Ligation Assay                                                                                                                                      |
| <b>Application Notes</b>     | Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control. |

## Images

Western Blot: PARD3/Par3 Antibody [H00056288-D01P] - Analysis of PARD3 expression in transfected 293T cell line by PARD3 polyclonal antibody. Lane 1: PARD3 transfected lysate (149.70 kDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: PARD3/Par3 Antibody [H00056288-D01P] - Analysis of protein-protein interactions between PARD3 and CTNNB1. HeLa cells were stained with anti-PARD3 rabbit purified polyclonal 1:1200 and anti-CTNNB1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).





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### **Products Related to H00056288-D01P**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP1-88861PEP | PAR3/Par3 Recombinant Protein Antigen               |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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