

# Product Datasheet

## DAP Kinase 1 Antibody (2E7) - Azide and BSA Free H00001612-M01

Unit Size: 0.1 mg

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

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**H00001612-M01**

DAP Kinase 1 Antibody (2E7) - Azide and BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 mg                                                                                                           |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| <b>Clonality</b>     | Monoclonal                                                                                                       |
| <b>Clone</b>         | 2E7                                                                                                              |
| <b>Preservative</b>  | No Preservative                                                                                                  |
| <b>Isotype</b>       | IgG1 Kappa                                                                                                       |
| <b>Purity</b>        | IgG purified                                                                                                     |
| <b>Buffer</b>        | In 1x PBS, pH 7.4                                                                                                |

**Product Description**

|                                |                                                                                                                                                                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                                |
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                               |
| <b>Gene ID</b>                 | 1612                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>             | DAPK1                                                                                                                                                                                                                               |
| <b>Species</b>                 | Human                                                                                                                                                                                                                               |
| <b>Specificity/Sensitivity</b> | DAPK1 - death-associated protein kinase 1                                                                                                                                                                                           |
| <b>Immunogen</b>               | DAPK1 (NP_004929, 1211 a.a. ~ 1310 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>LLLD SVCSTIENV MATTLPGLLTVKH YLSPQQLREHHEPVMIYQPRDFFRAQTL<br>KETSLTNTMGGYKESFSSIMCFGCHDVYSQASLGMDIHASDLNLLT |
| <b>Notes</b>                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                  |

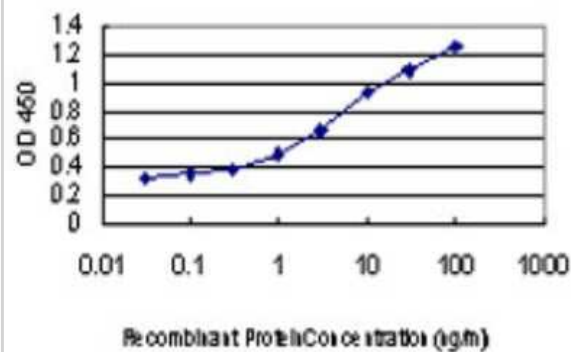
**Product Application Details**

|                              |                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | ELISA, Proximity Ligation Assay, Sandwich ELISA                                                 |
| <b>Recommended Dilutions</b> | ELISA, Proximity Ligation Assay, Sandwich ELISA                                                 |
| <b>Application Notes</b>     | Antibody reactivity against recombinant protein on ELISA. GST alone used as a negative control. |

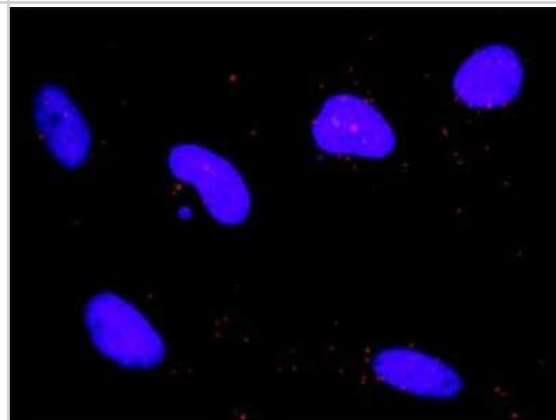


## Images

Sandwich ELISA: DAP Kinase 1 Antibody (2E7) [H00001612-M01] - Detection limit for recombinant GST tagged DAPK1 is approximately 0.1ng/ml as a capture antibody.



Proximity Ligation Assay: DAP Kinase 1 Antibody (2E7) [H00001612-M01] - Analysis of protein-protein interactions between MAPK3 and DAPK1. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-DAPK1 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 H00001612-M01**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg   | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| H00001612-Q01-10ug | Recombinant Human DAP Kinase 1 GST (N-Term) Protein     |

### **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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