

# Product Datasheet

## SUN1 Antibody - Azide and BSA Free H00023353-B01P

Unit Size: 0.05 mg

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

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**H00023353-B01P**

SUN1 Antibody - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.05 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              | IgG purified                                                                                                     |
| Buffer              | PBS (pH 7.4)                                                                                                     |

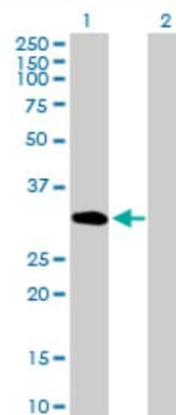
| Product Description     |                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Novus Biologicals Mouse SUN1 Antibody - Azide and BSA Free (H00023353-B01P) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-SUN1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                              |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                  |
| Gene ID                 | 23353                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol             | SUN1                                                                                                                                                                                                                                                                                                                                                   |
| Species                 | Human, Mouse, Hamster                                                                                                                                                                                                                                                                                                                                  |
| Reactivity Notes        | Mouse reactivity reported in scientific literature (PMID: 23650370). Hamster reactivity reported in scientific literature (PMID: 27548707).                                                                                                                                                                                                            |
| Specificity/Sensitivity | UNC84A - unc-84 homolog A (C. elegans),                                                                                                                                                                                                                                                                                                                |
| Immunogen               | UNC84A (AAH13613, 1 a.a. - 257 a.a.) full-length human protein.<br>MDFSRLHMYSPQCVPEPTGYTYALSSSYSSDALDFETEHKLDPVFDSRMS<br>RRSLRLATTACTLGDGEAVGADSGTSSAVSLKNRAARTTKQRRSTNKSFAFSIN<br>HVSQRQVTSSGVSHGGTVSLQDAVTRRPPVLDESWIREQTTVDHFWGLDDDDGD<br>LKGGSKAAIQGNGDVGAAAATAHNGFSCSNCSMLSERKDVLT AHPAPPGPVS<br>RVYSRDRNQKCKSQSFKTQKKVCFPNLIFPFCKSQCLHYLSWRLKIIP |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                     |

| Product Application Details |                                                                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence                                                                                                                             |
| Recommended Dilutions       | Western Blot 1:500, Immunocytochemistry/ Immunofluorescence                                                                                                                       |
| Application Notes           | 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: SUN1 Antibody [H00023353-B01P] - Analysis of UNC84A expression in transfected 293T cell line by UNC84A polyclonal antibody. Lane 1: UNC84A transfected lysate(28.38 KDa). Lane 2: Non-transfected lysate.



## Publications

Tajik A, Zhang Y, Wei F et al. Transcription upregulation via force-induced direct stretching of chromatin. Nat Mater. 2016-08-22 [PMID: 27548707] (WB, Hamster)

Jung HJ, Nobumori C, Goulbourne CN et al. Farnesylation of lamin B1 is important for retention of nuclear chromatin during neuronal migration. Proc Natl Acad Sci U S A. 2013-05-21 [PMID: 23650370] (Mouse)



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### **Products Related to H00023353-B01P**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97019-5mg     | Mouse IgG Isotype Control                               |
| H00023353-P02-10ug | Recombinant Human SUN1 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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