

# Product Datasheet

## SMG1 Antibody - BSA Free

### NB100-2321

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-2321**

SMG1 Antibody - BSA Free

**Product Information**

|                      |                                       |
|----------------------|---------------------------------------|
| <b>Unit Size</b>     | 100 ul                                |
| <b>Concentration</b> | 1.0 mg/ml                             |
| <b>Storage</b>       | Store at 4C. Do not freeze.           |
| <b>Clonality</b>     | Polyclonal                            |
| <b>Preservative</b>  | 0.09% Sodium Azide                    |
| <b>Isotype</b>       | IgG                                   |
| <b>Purity</b>        | Immunogen affinity purified           |
| <b>Buffer</b>        | Tris-Citrate/Phosphate (pH 7.0 - 8.0) |

**Product Description**

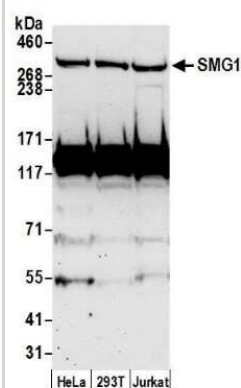
|                    |   |
|--------------------|---|
| <b>Host</b>        | Rabbit  |
| <b>Gene ID</b>     | 23049   |
| <b>Gene Symbol</b> | SMG1  |
| <b>Species</b>     | Human   |
| <b>Immunogen</b>   | The immunogen recognized by this antibody maps to a region between residues 2925 and 2975 of human PI-3-Kinase-related kinase SMG1 using the numbering given in entry NP_055907.3 (GeneID 23049). |

**Product Application Details**

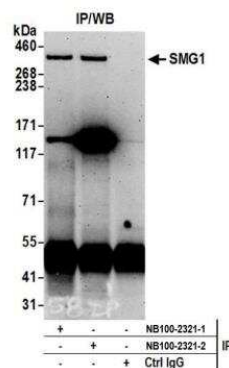
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunohistochemistry, Immunoprecipitation |
| <b>Recommended Dilutions</b> | Western Blot, Immunohistochemistry, Immunoprecipitation |

**Images**

Western Blot: SMG1 Antibody [NB100-2321] - Detection of human SMG1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMG1 antibody NB100-2321 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



Immunoprecipitation: SMG1 Antibody [NB100-2321] - Detection of human SMG1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SMG1 antibody NB100-2321 (lot 2) used for IP at 6 ug per reaction. SMG1 was also immunoprecipitated by a previous lot of this antibody (lot 1). For blotting immunoprecipitated SMG1, NB100-2321 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.





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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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