

Product Datasheet

SMG1 Antibody - BSA Free

NB100-2320

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-2320

SMG1 Antibody - BSA Free

Product Information

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

Product Description

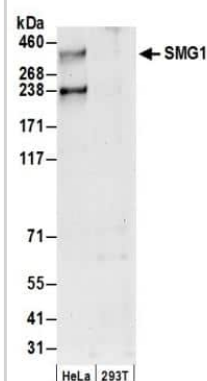
Host	Rabbit
Gene ID	23049
Gene Symbol	SMG1
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1625 and 1675 of human PI-3-Kinase-related kinase SMG1 using the numbering given in entry NP_055907.3 (GeneID 23049).

Product Application Details

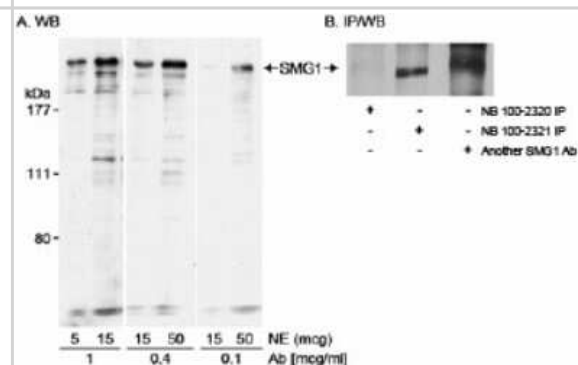
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunoprecipitation

Images

Western Blot: SMG1 Antibody [NB100-2320] - Detection of Human SMG1 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMG1 antibody NB100-2320 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Western Blot: SMG1 Antibody [NB100-2320] - Detection of Human SMG1 on HeLa whole cell lysate using NB100-2320. IP of SMG1 was successful when using affinity purified rabbit anti-SMG1 antibodies NB100-2321 and another SMG1 antibody.



Publications

McIlwain DR, Pan Q, Reilly PT et al. Smg1 is required for embryogenesis and regulates diverse genes via alternative splicing coupled to nonsense-mediated mRNA decay. *Proc Natl Acad Sci U S A* 2010-07-01 [PMID: 20566848]

Kaizuka T, Hara T, Oshiro N et al. Tti1 and Tel2 are critical factors in mammalian target of rapamycin complex assembly. *J Biol Chem* 2010-06-01 [PMID: 20427287]

Kang TH, Reardon JT, Kemp M et al. Circadian oscillation of nucleotide excision repair in mammalian brain. *Proc Natl Acad Sci U S A* 2009-02-01 [PMID: 19164551]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-2320

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00023049-Q01-10ug	Recombinant Human SMG1 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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