

Product Datasheet

SMG7 Antibody NBP1-22967

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 2

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NBP1-22967**SMG7 Antibody**

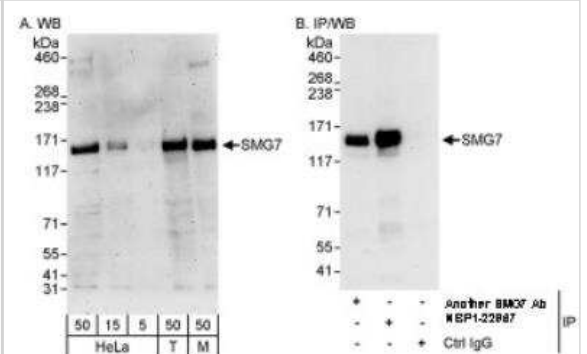
| Product Information | |
|---------------------|-----------------------------|
| Unit Size | 0.1 ml |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Polyclonal |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | TBS and 0.1% BSA |

| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Rabbit SMG7 Antibody (NBP1-22967) is a polyclonal antibody validated for use in WB and IP. Anti-SMG7 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 9887 |
| Gene Symbol | SMG7 |
| Species | Human, Mouse |
| Immunogen | The immunogen recognized by this antibody maps to a region between residue 1087 and 1137 of human suppressor with morphogenetic effect on genitalia protein 7 (ever shorter telomeres 1C) using the numbering given in entry NP_775179.1 (GeneID 9887). |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:2000-1:10000, Immunoprecipitation 5-15 ug/mg lysate |
| Application Notes | Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. |

Images

Western Blot: SMG7 Antibody [NBP1-22967] - Western Blot and Immunoprecipitation: by Western Blot : Whole cell lysate from HeLa, 293T and mouse NIH3T3 cells. SMG7 was also immunoprecipitated by another rabbit anti-SMG7 antibody.



Publications

Lykke-Andersen S, Chen Y, Ardal BR et al. Human nonsense-mediated RNA decay initiates widely by endonucleolysis and targets snoRNA host genes. *Genes Dev.* 2014-11-15 [PMID: 25403180] (WB, Human)

Details:
SMG7 antibody used for WB analyses of proteins coimmunoprecipitated with endogenous UPF1 from the HEK293-beta-39 cell line (Figure 2G).

Sakaki K, Yoshina S, Shen X, Han J, Desantis MR, Xiong M, Mitani S, Kaufman RJ. RNA surveillance is required for endoplasmic reticulum homeostasis. *Proc Natl Acad Sci U S A*;109(21):8079-84. 2012-05-22 [PMID: 22562797] (WB, Human)





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Products Related to NBP1-22967

| | |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

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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