

Product Datasheet

USP36 Antibody - BSA Free NB100-40832

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-40832

USP36 Antibody - BSA Free

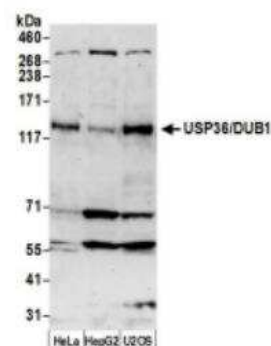
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Description	Novus Biologicals Rabbit USP36 Antibody - BSA Free (NB100-40832) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-USP36 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57602
Gene Symbol	USP36
Species	Human
Marker	Nucleolus Marker
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1070 and the C-terminus (residue 1121) of human Ubiquitin Specific Peptidase 36 (Deubiquinating Enzyme 1) using the numbering given in entry NP_079366.2 (GeneID 57602).

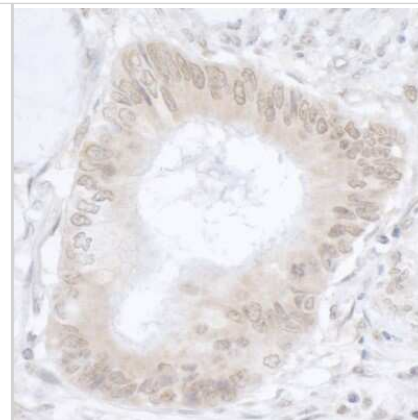
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 0.4-1ug/ml, Immunohistochemistry 0.2-4ug/ml, Immunoprecipitation 2 - 10 ug/mg lysate, Immunohistochemistry-Paraffin 0.2-4ug/ml
Application Notes	Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.

Images

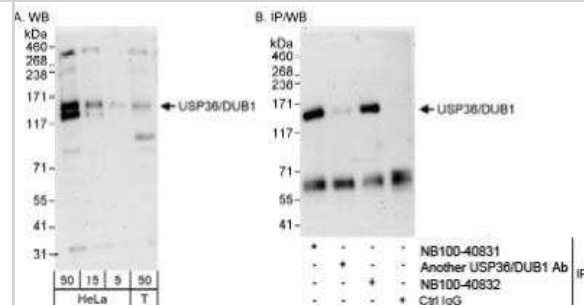
Western Blot: USP36 Antibody [NB100-40832] - Whole cell lysate (50 ug) from HeLa, Hep-G2, and U2OS cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-USP36/DUB1 antibody used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



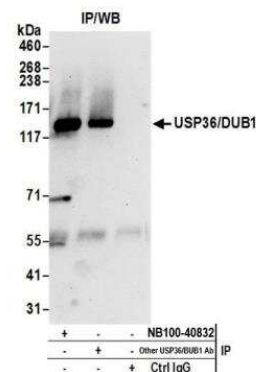
Immunohistochemistry-Paraffin: USP36 Antibody [NB100-40832] - Section of human colon carcinoma. Antibody: Affinity purified rabbit anti-USP36/DUB1 used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB



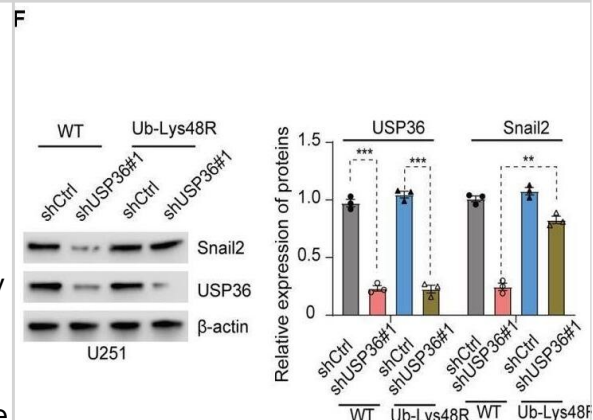
Immunoprecipitation: USP36 Antibody [NB100-40832] - Detection of Human USP36/DUB1 on HeLa whole cell lysate using NB100-40832. USP36/DUB1 was also immunoprecipitated by another rabbit anti-USP36/DUB1 antibody and NB100-40831.



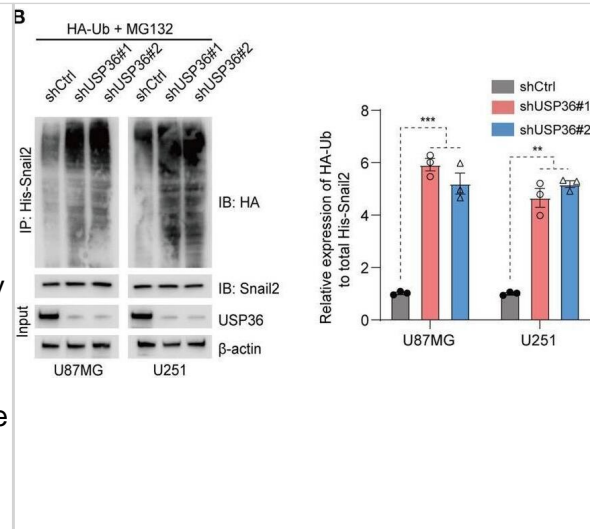
Immunoprecipitation: USP36 Antibody [NB100-40832] - Detection of human USP36/DUB1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-USP36/DUB1 antibody NB100-40832 used for IP at 6 ug per reaction. USP36/DUB1 was also immunoprecipitated by another rabbit anti-USP36/DUB1 antibody. For blotting immunoprecipitated USP36/DUB1, NB100-40832 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



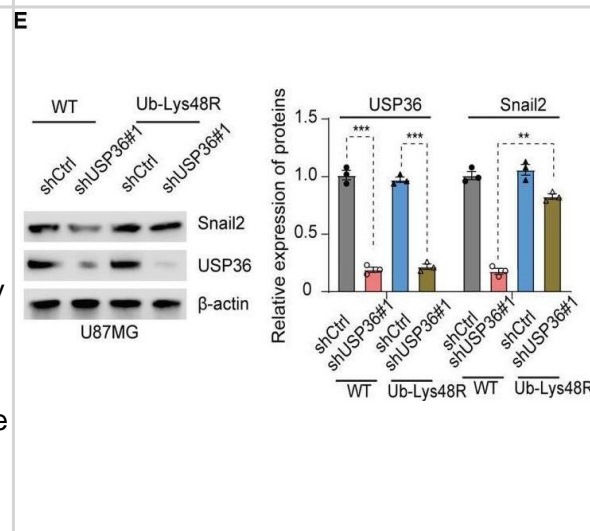
USP36 stabilizes Snail2 through deubiquitination. (A) Immunoblot showing Snail2 levels in HEK293T cells transfected with His-Snail2, HA-Ub and Flag-USP36-WT or Flag-USP36-C131A in the presence 20 μ M MG132. Right panel, quantification results. (B) Immunoblot showing Snail2-Ub complexes precipitated by anti-His and probed with anti-HA, Snail2 and USP36 antibodies from GBM cells transfected with HA-Ub and shCtrl or sh-USP36. Right panel, quantification. (C, D) Snail2 ubiquitylation linkage in U87MG (C) and U251 (D) cells co-transfected with His-Snail2, Flag-USP36 and HA-Ub Lys0, Lys48-only, or Lys63-only plasmids. Right panel, quantification. (E, F) Immunoblot showing Snail2 levels in U87MG (E) and U251 (F) cells co-transfected with Ub-WT or Ub-Lys48R and shCtrl or shUSP36, with quantifications on right panel. **p < 0.01; ***p < 0.001. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35111679>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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Publications

Qiu W, Cai X, Xu K et al. PRL1 Promotes Glioblastoma Invasion and Tumorigenesis via Activating USP36-Mediated Snail2 Deubiquitination *Frontiers in Oncology* 2022-01-17 [PMID: 35111679] (Western Blot)



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Products Related to NB100-40832

NBL1-17659	USP36 Overexpression Lysate
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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