

Product Datasheet

Nbs1 Antibody NB100-60654

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-60654

Nbs1 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
Target Molecular Weight	85 kDa

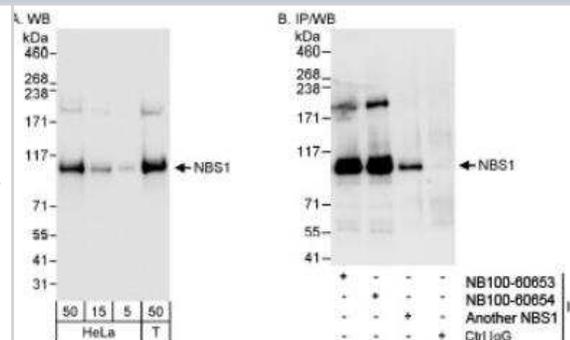
Product Description	
Host	Rabbit
Gene ID	4683
Gene Symbol	NBN
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23852118).
Immunogen	The immunogen recognized by Nbs1 Antibody maps to a region between residue 704 and 754 of human Nibrin using the numbering given in entry NP_002476.2 (GeneID 4683).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500, Chromatin Immunoprecipitation (ChIP) 1:10-1:500
Application Notes	Use in Chromatin Immunoprecipitation reported in scientific literature (PMID: 23852118 and 24036913). Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

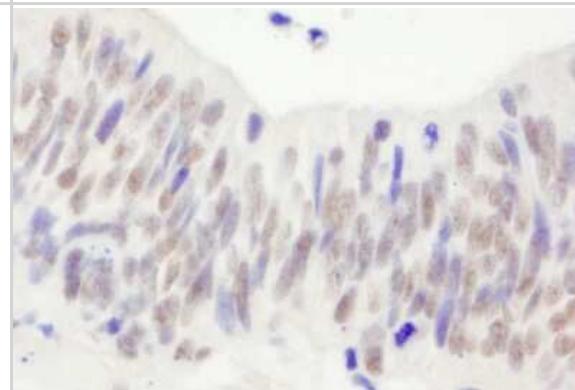


Images

Western Blot: Nbs1 Antibody [NB100-60654] - Detection of human Nbs1 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Nbs1 antibody [NB100-60654] used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. Nbs1 was also immunoprecipitated by rabbit anti-Nbs1 antibodies NB100-60653 and NB100-60654, which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 3 seconds (A) and 10 seconds (B).



Immunohistochemistry-Paraffin: Nbs1 Antibody [NB100-60654] - Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Nbs1 antibody [NB100-60654] used at a dilution of 1:200 (1ug/ml). Detection: DAB.



Publications

Wang WY, Pan L, Su SC et al. Interaction of FUS and HDAC1 regulates DNA damage response and repair in neurons. *Nat Neurosci.* 2013-10-01 [PMID: 24036913] (Chemotaxis, Human)

Dobbin MM, Madabhushi R, Pan L et al. SIRT1 collaborates with ATM and HDAC1 to maintain genomic stability in neurons. *Nat Neurosci* 2013-08-01 [PMID: 23852118] (Chemotaxis, Mouse)



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Products Related to NB100-60654

NBL1-13497	Nbs1 Overexpression Lysate
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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