

# Product Datasheet

## RanBP1 Antibody - BSA Free

### NB100-79814

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-79814**

RanBP1 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)

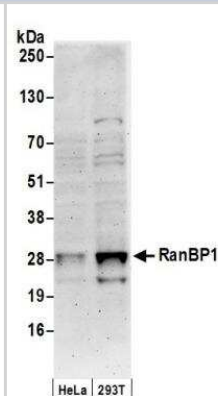
Product Description	
Host	Rabbit
Gene ID	5902
Gene Symbol	RANBP1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 28821644).
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1 and 50 of human RAN Binding Protein 1 using the numbering given in entry NP_002873.1 (GeneID 5902).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunohistochemistry 1:100-1:2000, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:2000
Application Notes	IHC-P, IHC application reported in customer review.

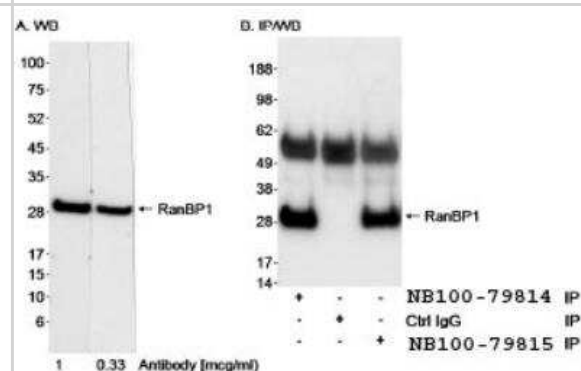


## Images

Western Blot: RanBP1 Antibody [NB100-79814] - Detection of Human RanBP1 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RanBP1 antibody NB100-79814 used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Western Blot: RanBP1 Antibody [NB100-79814] - Detection of Human RanBP1 on HeLa whole cell lysate using NB100-79814. RanBP1 was also immunoprecipitated using rabbit anti-RanBP1 antibody BL1968 NB100-79815 at 5 mcg/0.5 mg lysate.



## Publications

Sugiyama K, Aida T, Nomura M et al. Calpain-dependent degradation of nucleoporins contributes to motor neuron death in a mouse model of chronic excitotoxicity J. Neurosci. 2017-08-16 [PMID: 28821644] (Mouse)

Yamashita T, Aizawa H, Teramoto S et al. Calpain-dependent disruption of nucleo-cytoplasmic transport in ALS motor neurons Sci Rep 2017-01-03 [PMID: 28045133] (Human)

Stalekar M, Yin X, Rebolj K et al. Proteomic analyses reveal that loss of TDP-43 affects RNA processing and intracellular transport Neuroscience 2015-05-07 [PMID: 25743254] (WB, Human)



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### **Products Related to NB100-79814**

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NBL1-15139	RanBP1 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

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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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