

Product Datasheet

PTBP1 Antibody NB100-1310

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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NB100-1310**PTBP1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat PTBP1 Antibody (NB100-1310) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-PTBP1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5725
Gene Symbol	PTBP1
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody is expected to recognise all 4 reported isoforms (represented by NP_002810.1; NP_114367.1; NP_114368.1; NP_787041.1).
Immunogen	Peptide with sequence DGIVPDIAVGTKR-C corresponding to N-Terminus according to NP_114367.1, NP_114368.1, NP_787041.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1-0.3 ug/ml, Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 2-4 ug/ml, Peptide ELISA detection Limit 1:32000
Application Notes	WB: Approx. 55 kDa band observed in human liver and ovary lysates, and 60 kDa band observed in nuclear lysates of HeLa, HepG2, Jurkat and HEK293 (calculated MW of 57.2 kDa band according to NP_114368.1). IHC-P: Human kidney shows nuclear membrane staining in all the convoluted tubules. IHC: In paraffin embedded Human Kidney shows nuclear membrane staining in all the convoluted tubules

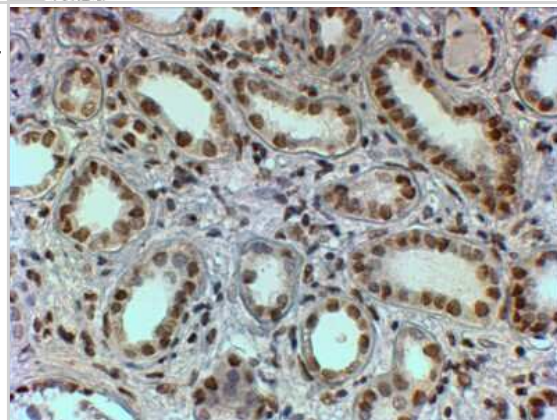


Images

Western Blot: PTBP1 Antibody [NB100-1310] - (0.03ug/ml) staining of lysates of cell line NIH3T3 (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

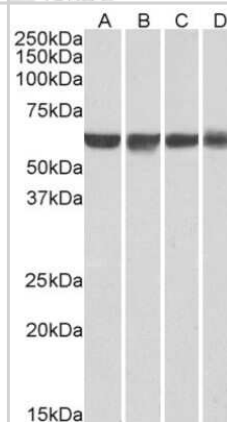
Immunohistochemistry-Paraffin: PTBP1 Antibody [NB100-1310] - (2ug/ml) Human Kidney. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



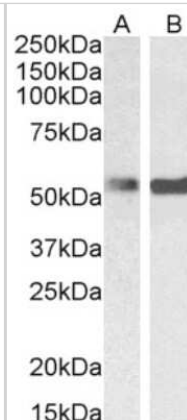
Western Blot: PTBP1 Antibody [NB100-1310] - (0.1ug/ml) staining of Human Ovary lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Western Blot: PTBP1 Antibody [NB100-1310] - (0.01ug/ml) staining of HeLa (A), HepG2 (B), Jurkat (C) and HEK293 (D) nuclear lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot: PTBP1 Antibody [NB100-1310] - (0.1-0.3ug/ml) staining of Mouse Ovary (A) and Rat Ovary (B) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Charlet-B N, Logan P, Singh G, Cooper TA. Dynamic antagonism between ETR-3 and PTB regulates cell type-specific alternative splicing. *Mol Cell* 2002-03-01 [PMID: 11931771]

Cote GJ, Zhu W, Thomas A et al. Hydrogen peroxide alters splicing of soluble guanylyl cyclase and selectively modulates expression of splicing regulators in human cancer cells. *PLoS One*. 2012-01-01 [PMID: 22911749]



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Products Related to NB100-1310

NB800-PC2	Jurkat Whole Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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