

Product Datasheet

PICK1 Antibody NB100-41403

Unit Size: 0.1 mg

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

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Publications: 2

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NB100-41403**PICK1 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
Target Molecular Weight	47 kDa

Product Description	
Description	Novus Biologicals Goat PICK1 Antibody (NB100-41403) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-PICK1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	9463
Gene Symbol	PICK1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Reported variants represent identical protein (NP_036539.1; NP_001034672.1; NP_001034673.1).
Immunogen	Peptide with sequence C-HYNKLQADPKQ corresponding to internal region according to NP_036539.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 50 kDa band observed in mouse brain lysates (calculated MW of 46.6 kDa band according to NP_036539.1, NP_001034672.1 and NP_001034673.1).



Images

Western Blot: PICK1 Antibody [NB100-41403] - Staining of Mouse Brain lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.

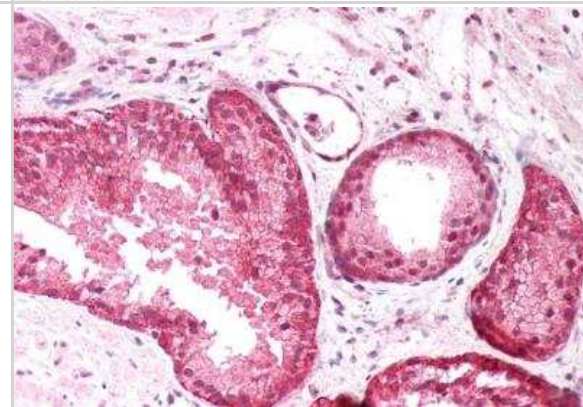
250kDa
150kDa
100kDa
75kDa
50kDa
37kDa

25kDa
20kDa

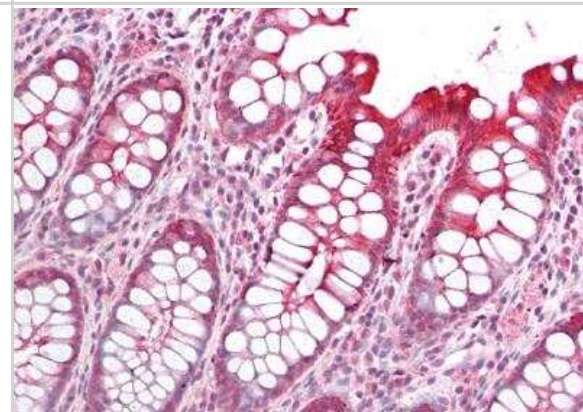
15kDa

10kDa

Immunohistochemistry-Paraffin: PICK1 Antibody [NB100-41403] - Staining of paraffin embedded Human Prostate. Antigen at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: PICK1 Antibody [NB100-41403] - Staining of paraffin embedded Human Colon. Antigen at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Steinberg JP, Takamiya K, Shen Y et al. Targeted in vivo mutations of the AMPA receptor subunit GluR2 and its interacting protein PICK1 eliminate cerebellar long-term depression. *Neuron* 2006-03-16 [PMID: 16543133]

Xu N-J, Sun S, Gibson JR, Henkemeyer M. A dual shaping mechanism for postsynaptic ephrin-B3 as a receptor that sculpts dendrites and synapses. *Nature Neuroscience*. 2011-10-02 [PMID: 21964490]



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Products Related to NB100-41403

NBL1-14391	PICK1 Overexpression 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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