

# 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**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Target Molecular Weight</b>	47 kDa

<b>Product Description</b>	
<b>Description</b>	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.
<b>Host</b>	Goat
<b>Gene ID</b>	9463
<b>Gene Symbol</b>	PICK1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Reported variants represent identical protein (NP_036539.1; NP_001034672.1; NP_001034673.1).
<b>Immunogen</b>	Peptide with sequence C-HYNKLQADPKQ corresponding to internal region according to NP_036539.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1 - 3 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:16000
<b>Application Notes</b>	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).

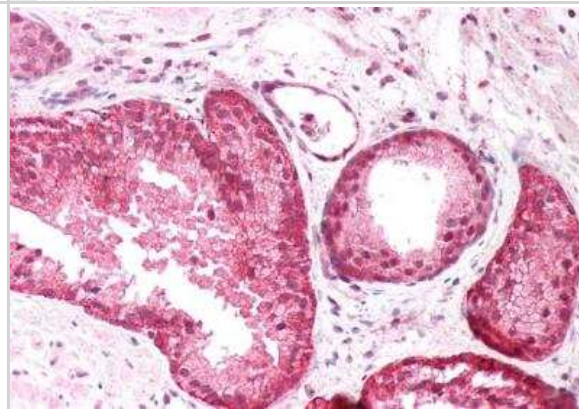


## Images

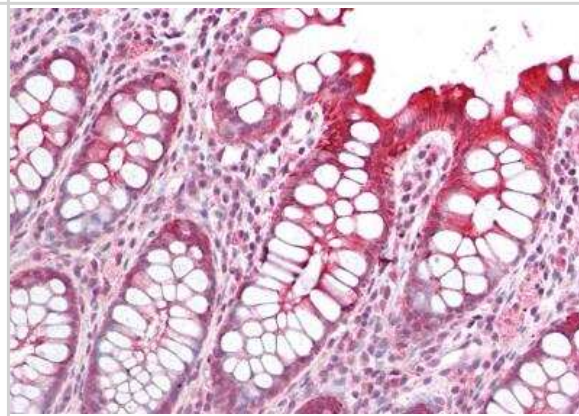
Western Blot: PICK1 Antibody [NB100-41403] - Staining of Mouse Brain lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.

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**

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NBL1-14391	PICK1 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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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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