

Product Datasheet

Two pore calcium channel protein 2 Antibody NBP1-45234

Unit Size: 0.1 mg

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

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Publications: 1

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NBP1-45234

Two pore calcium channel protein 2 Antibody

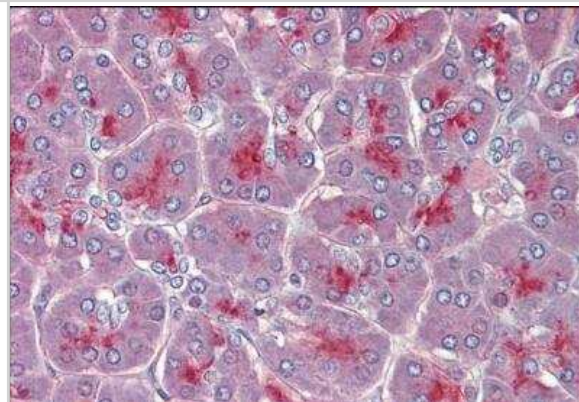
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Two pore calcium channel protein 2 Antibody (NBP1-45234) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Two pore calcium channel protein 2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	219931
Gene Symbol	TPCN2
Species	Human
Immunogen	Peptide with sequence C-EDELTERLSQHPH corresponding to C-Terminus according to NP_620714.2.

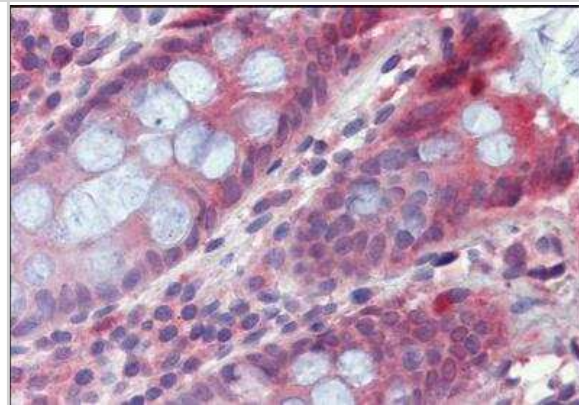
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 ug/ml, Immunohistochemistry 3.75 ug/ml, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Preliminary experiments gave an approx. 30 kDa band in human brain (cerebral cortex), kidney and liver lysates after 0.5 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 85.2 kDa band according to NP_620714.2. The 30 kDa band was successfully blocked by incubation with the immunizing peptide. IHC: Paraffin embedded Human Pancreas and Colon.

Images

Immunohistochemistry-Paraffin: Two pore calcium channel protein 2 Antibody [NBP1-45234] - (3.75ug/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: Two pore calcium channel protein 2 Antibody [NBP1-45234] - (3.75ug/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Calcraft PJ, Ruas M, Pan Z et al. NAADP mobilizes calcium from acidic organelles through two-pore channels. Nature 2009-05-01 [PMID: 19387438]



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Products Related to NBP1-45234

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

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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