

Product Datasheet

PDZK1 Antibody NB400-149

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NB400-149

PDZK1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	57 kDa
Product Description	
Host	Rabbit
Gene ID	5174
Gene Symbol	PDZK1
Species	Human, Mouse, Bovine, Rat (Negative)
Reactivity Notes	Does not react with rat.
Immunogen	A synthetic peptide made to the C-terminus of human PDZK1. [UniProt# Q13113]
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:250, Immunohistochemistry 1:400, Immunocytochemistry/ Immunofluorescence 1:200, Immunohistochemistry-Paraffin 1:400
Application Notes	<p>In Western blot a single band is observed at approx. 70 kDa. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point.</p> <p>See Simple Western Antibody Database for Simple Western validation: Tested in Human Liver lysate 0.2 mg/mL, separated by Size, antibody dilution of 1:250. Separated by Size-Wes, Sally Sue/Peggy Sue.</p> <p>The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.</p>

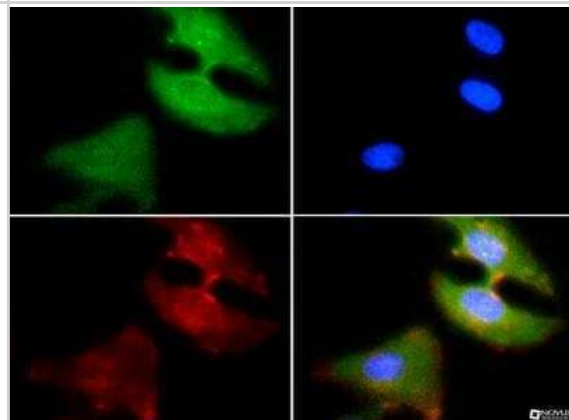


Images

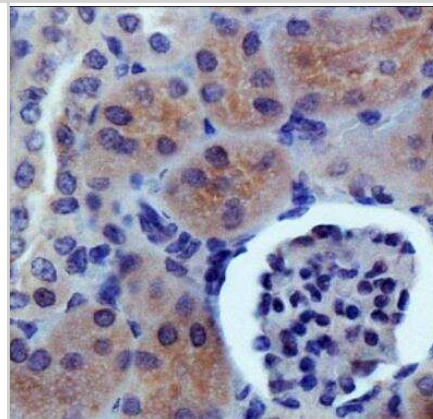
Western Blot: PDZK1 Antibody [NB400-149] - WB analysis of PDZK1 in fetal human liver lysate.

<250
<150
<100
<75
<50
<37
<25
<20
<15
<10

Immunocytochemistry/Immunofluorescence: PDZK1 Antibody [NB400-149] - PDZK1 antibody was tested in HeLa cells with FITC (green). Nuclei and alpha-tubulin were counterstained with Dapi (blue) and Dylight 550 (red).



Immunohistochemistry: PDZK1 Antibody [NB400-149] - IHC analysis of PDZK1 in mouse kidney using DAB with hematoxylin counterstain.



Simple Western: PDZK1 Antibody [NB400-149] - Simple Western lane view shows a specific band for PDZK1 in 0.2 mg/ml of Human Liver lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. *Non-specific interaction with the 230 kDa standard may be seen with this antibody.

kDa
230
180
116
66
40
12

Publications

Jaballah N, Tsurudome Y, Murakami C et al. The scaffold protein PDZK1 governs diurnal localization of CNT2 on the plasma membrane in mouse intestinal epithelial cells *Journal of biochemistry* 2023-05-09 [PMID: 37159505]

Jansson Kyle, Venugopal Jessica, Sanchez Gladis et al. Ouabain Regulates CFTR-Mediated Anion Secretion and Na,K-ATPase Transport in ADPKD Cells. *J Membr Biol* 2015-01-01 [PMID: 26289599] (WB, Mouse)

Hashimoto K, Suzuki H, Taniguchi K et al. Catalytic mechanism of nitrile hydratase proposed by time-resolved X-ray crystallography using a novel substrate, tert-butylisonitrile. *J Biol Chem* 2008-12-26 [PMID: 18948265]

Robichaud JC, Francis GA, Vance DE. A role for hepatic scavenger receptor class B, type I in decreasing high density lipoprotein levels in mice that lack phosphatidylethanolamine N-methyltransferase. *J Biol Chem* 2008-12-19 [PMID: 18842588] (WB, Mouse)

Wang, P et al. Interaction with PDZK1 is required for expression of organic anion transporting protein 1A1 on the hepatocyte surface. *J Biol Chem*;280(34):30143-9. 2005-08-26 [PMID: 15994332] (ICC/IF, WB, Mouse)





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Products Related to NB400-149

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23318	Recombinant Human PDZK1 His Protein

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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