

Product Datasheet

PDZK1 Antibody - BSA Free 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 - BSA Free

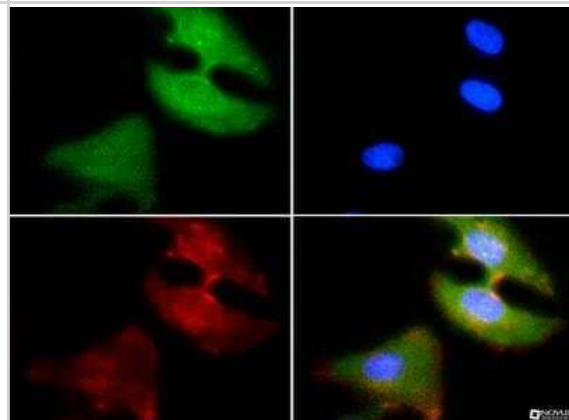
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	57 kDa
Product Description	
Description	Novus Biologicals Rabbit PDZK1 Antibody - BSA Free (NB400-149) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-PDZK1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
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

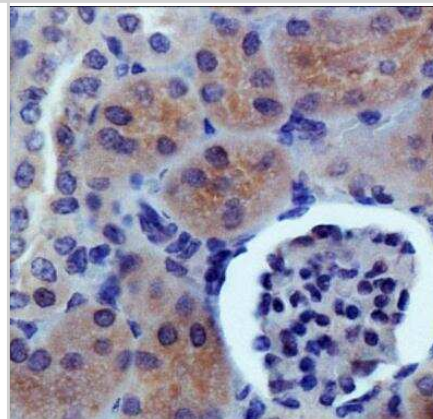
Western Blot: PDZK1 Antibody [NB400-149] - WB analysis of PDZK1 in fetal human liver lysate.

<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)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB400-149

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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