

PDZK1 polyclonal antibody

Catalog # PAB15564

Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PDZK1.
Immunogen	A synthetic peptide corresponding to C-terminus of Human PDZK1.
Host	Rabbit
Reactivity	Bovine, Human, Mouse
Specificity	This is specific to PDZK1. Does not react with rat. A single band of ~70 KDa is detected by Western blot (SDS-PAGE). No other application has been tested.
Form	Liquid
Recommend Usage	Immunocytochemistry (1:200) Immunofluorescence (1:200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:400) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In antiserum (0.05% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry

- Immunofluorescence

Gene Info — PDZK1

Entrez GeneID	5174
Protein Accession#	Q13113
Gene Name	PDZK1
Gene Alias	CAP70, CLAMP, NHERF3, PDZD1
Gene Description	PDZ domain containing 1
Omim ID	603831
Gene Ontology	Hyperlink
Other Designations	C-terminal linking and modulating protein OTTHUMP00000015572

Publication Reference

- [Evidence for a causal link between adaptor protein PDZK1 downregulation and Na⁺/H⁺ exchanger NHE3 dysfunction in human and murine colitis.](#)

Yeruva S, Chodiseti G, Luo M, Chen M, Cinar A, Ludolph L, Lunnemann M, Goldstein J, Singh AK, Riederer B, Bachmann O, Bleich A, Gereke M, Bruder D, Hagen S, He P, Yun C, Seidler U.

Pflügers Archiv 2015 Aug; 467(8):1795.

Application: WB-Ti, WB-Tr, Human, Mouse, C2N3 cells, Small intestinal

- [A role for hepatic scavenger receptor class B, type I in decreasing high density lipoprotein levels in mice that lack phosphatidylethanolamine N-methyltransferase.](#)

Robichaud JC, Francis GA, Vance DE.

The Journal of Biological Chemistry 2008 Dec; 283(51):35496.

Application: WB-Ti, Mouse , Mouse liver

- [Interaction with PDZK1 is required for expression of organic anion transporting protein 1A1 on the hepatocyte surface.](#)

Wang P, Wang JJ, Xiao Y, Murray JW, Novikoff PM, Angeletti RH, Orr GA, Lan D, Silver DL, Wolkoff AW.

The Journal of Biological Chemistry 2005 Aug; 280(34):30143.

Application: IF, WB-Ce, WB-Ti, Human, Mouse, 293T cells, Liver

- [Fenofibrate induces a novel degradation pathway for scavenger receptor B-I independent of PDZK1.](#)

Lan D, Silver DL.

The Journal of Biological Chemistry 2005 Jun; 280(24):23390.

Application: WB-Ce, WB-Ti, Mouse, Hepatocytes, Liver

Disease

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