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Datasheet for ABIN6145422
anti-PDZK1 antibody (AA 1-260)

1 Image

Overview

Quantity:	100 µL
Target:	PDZK1
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDZK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human PDZK1 (NP_001188254.1).
Sequence:	MTSTFNPREC KLSKQEGQNY GFFLRIEKDT EGHVLRVVEK CSPAEKAGLQ DGDRVLRING VFVDKEEHMQ VVDLVRKSGN SVTLLVLDGD SYEKAVKTRV DLKELGQSQK EQGLSDNILS PVMNGGVQTW TQPRLCYLVK EGGSYGFSLK TVQGKKGVYM TDITPQGVAM RAGVLADDHL IEVNGENVED ASHEEVVEKV KKSGSRVMFL LVDKETDKRH VEQKIQFKRE TASLKLLPHQ PRIVEMKKGS NGYGFYLRAG
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies

Target Details

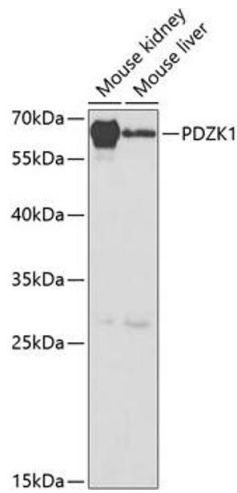
Target:	PDZK1
Alternative Name:	PDZK1 (PDZK1 Products)
Background:	<p>This gene encodes a PDZ domain-containing scaffolding protein. PDZ domain-containing molecules bind to and mediate the subcellular localization of target proteins. The encoded protein mediates the localization of cell surface proteins and plays a critical role in cholesterol metabolism by regulating the HDL receptor, scavenger receptor class B type 1. Single nucleotide polymorphisms in this gene may be associated with metabolic syndrome, and overexpression of this gene may play a role in drug resistance of multiple myeloma. Pseudogenes of this gene are located on the long arm of chromosome 1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.,PDZK1,CAP70,CLAMP,NHERF-3,NHERF3,PDZD1,Cancer,Signal Transduction,Endocrine & Metabolism,PDZK1</p>
Molecular Weight:	44 kDa/57 kDa
Gene ID:	5174
UniProt:	Q5T2W1

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PDZK1 antibody (ABIN6128428, ABIN6145422, ABIN6145423 and ABIN6220948) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.