

Datasheet for ABIN1400473  
**anti-PDZK1 antibody (Biotin)**



[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PDZK1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDZK1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDZK1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	PDZK1
Alternative Name:	PDZK1 ( <a href="#">PDZK1 Products</a> )
Background:	Synonyms: CAP70, CFTR associated protein of 70 kDa, CFTR associated protein, 70-KD, CFTR-associated protein of 70 kDa, CLAMP, D3Erttd537e, Dietary Pi-regulated RNA-1, Diphor-1, mPDZK1, Na <sup>+</sup> /H <sup>+</sup> exchange regulatory cofactor NHE-RF3, Na <sup>+</sup> /H <sup>+</sup> exchanger regulatory factor 3, Na/Pi cotransporter C-terminal-associated protein 1, Na/Pi cotransporter C-terminal-

## Target Details

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associated protein, NaPi Cap1, NaPi-Cap1, NaPiCap1, NHERF 3, NHERF-3, NHERF3, NHRF3\_HUMAN, OTTHUMP00000015572, PDZ domain containing 1, PDZ domain containing protein 1, PDZ domain-containing protein 1, PDZD1, PDZK1, Sodium hydrogen exchanger regulatory factor 3, Sodium-hydrogen exchanger regulatory factor 3, 1700023D20Rik, 2610507N21Rik, 4921513F16Rik, AI267131, AI314638, AL022680, C terminal linking and modulating protein.

Background: A scaffold protein that connects plasma membrane proteins and regulatory components, regulating their surface expression in epithelial cells apical domains. May be involved in the coordination of a diverse range of regulatory processes for ion transport and second messenger cascades. In complex with SLC9A3R1, may cluster proteins that are functionally dependent in a mutual fashion and modulate the trafficking and the activity of the associated membrane proteins. May play a role in the cellular mechanisms associated with multidrug resistance through its interaction with ABCC2 and PDZK1IP1. May potentiate the CFTR chloride channel activity. May function to connect SCARB1 with the cellular machineries for intracellular cholesterol transport and/or metabolism. May be involved in the regulation of proximal tubular Na(+)-dependent inorganic phosphate cotransport therefore playing an important role in tubule function.

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Gene ID: 5174

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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Expiry Date: 12 months