

Datasheet for ABIN7160810
anti-PDZK1 antibody (AA 1-519) (Biotin)



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Overview

Quantity:	100 µg
Target:	PDZK1
Binding Specificity:	AA 1-519
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDZK1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Na(+)/H(+) exchange regulatory cofactor NHE-RF3 protein (1-519AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PDZK1
Alternative Name:	PDZK1 (PDZK1 Products)
Background:	Background: A scaffold protein that connects plasma membrane proteins and regulatory components, regulating their surface expression in epithelial cells apical domains. May be

Target Details

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. Required for normal cell-surface expression of SCARB1. Plays a role in maintaining normal plasma cholesterol levels via its effects on SCARB1. Plays a role in the normal localization and function of the chloride-anion exchanger SLC26A6 to the plasma membrane in the brush border of the proximal tubule of the kidney. May be involved in the regulation of proximal tubular Na⁺-dependent inorganic phosphate cotransport therefore playing an important role in tubule function

Aliases: 1700023D20Rik antibody, 2610507N21Rik antibody, 4921513F16Rik antibody, AI267131 antibody, AI314638 antibody, AL022680 antibody, C terminal linking and modulating protein antibody, CAP70 antibody, CFTR associated protein of 70 kDa antibody, CFTR associated protein, 70-KD antibody, CFTR-associated protein of 70 kDa antibody, CLAMP antibody, D3ErtD537e antibody, Dietary Pi-regulated RNA-1 antibody, Diphor-1 antibody, mPDZK1 antibody, Na(+)/H(+) exchange regulatory cofactor NHE-RF3 antibody, Na(+)/H(+) exchanger regulatory factor 3 antibody, Na/Pi cotransporter C-terminal-associated protein 1 antibody, Na/Pi cotransporter C-terminal-associated protein antibody, NaPi Cap1 antibody, NaPi-Cap1 antibody, NaPiCap1 antibody, NHERF 3 antibody, NHERF-3 antibody, NHERF3 antibody, NHRF3_HUMAN antibody, OTTHUMP00000015572 antibody, PDZ domain containing 1 antibody, PDZ domain containing protein 1 antibody, PDZ domain-containing protein 1 antibody, PDZD1 antibody, PDZK1 antibody, Sodium hydrogen exchanger regulatory factor 3 antibody, Sodium-hydrogen exchanger regulatory factor 3 antibody

UniProt: [Q5T2W1](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.