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Product datasheet for TA363074

Pdzk1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse PDZK1
Specificity:	Expected reactivity: Mouse
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	57 kDa
Gene Name:	PDZ domain containing 1
Database Link:	<u>NP_001139473.1</u> <u>Entrez Gene 59020 Mouse</u> <u>Q9JIL4</u>



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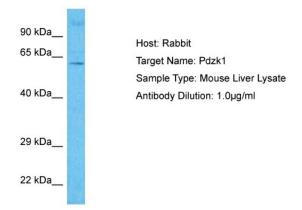
GRIGENE Pdzk1 Rabbit Polyclonal Antibody – TA363074

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 (By similarity). 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.

Synonyms:

CAP70; CLAMP; NaPi-Cap1; NHERF-3; NHERF3; OTTHUMP00000015572; PDZD1

Product images:



Host: Rabbit Target Name: PDZK1 Sample Tissue: Mouse Liver lysates Antibody Dilution: 1ug/ml

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