

PDZK1 Antibody (Center)

Catalog_no :	AB1426
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:196-224
Specificity :	This PDZK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 196-224 amino acids from the Central region of human PDZK1.
Dilution :	WB,1:1000;IHC-P,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Na(+)/H(+) exchange regulatory cofactor NHE-RF3, NHERF-3, CFTR-associated protein of 70 kDa, Na(+)/H(+) exchanger regulatory factor 3, Na/Pi cotransporter C-terminal-associated protein 1, NaPi-Cap1, PDZ domain-containing protein 1, Sodium-hydrogen exchanger regulatory factor 3, PDZK1, CAP70, NHERF3, PDZD1
Isotype :	Rabbit Ig
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 (By similarity).
reference :	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) LaLonde, D.P., et al. Mol. Biol. Cell 21(9):1519-1529(2010) Polasek, O., et al. Croat. Med. J. 51(1):32-39(2010) Gunjaca, G., et al. Croat. Med. J. 51(1):23-31(2010) Talmud, P.J., et al. Am. J