

PDZD3 Antibody (Center)

Catalog_no :	AB1664
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:258-285
Specificity :	This PDZD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 258-285 amino acids from the Central region of human PDZD3.
Dilution :	WB,1:1000;
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-RF4, NHERF-4, Intestinal and kidney-enriched PDZ protein, Natrium-phosphate cotransporter IIa C-terminal-associated protein 2, Na/Pi cotransporter C-terminal-associated protein 2, NaPi-Cap2, PDZ domain-containing protein 2, PDZ domain-containing protein 3, Sodium-hydrogen exchanger regulatory factor 4, PDZD3, IKEPP, NHERF4, PDZK2
Isotype :	Rabbit Ig
Background :	Guanylyl cyclase C (GCC, or GUCY2C; MIM 601330) produces cGMP following the binding of either endogenous ligands or heat-stable enterotoxins secreted by E. coli and other enteric bacteria. Activation of GCC initiates a signaling cascade that leads to phosphorylation of the cystic fibrosis transmembrane conductance regulator (CFTR; MIM 602421), followed by a net efflux of ions and water into the intestinal lumen. IKEPP is a regulatory protein that associates with GCC and regulates the amount of cGMP produced following receptor stimulation (Scott et al., 2002 [PubMed 11950846]).
reference :	Zachos, N.C., et al. Cell. Physiol. Biochem. 22 (5-6), 693-704 (2008) : Kato, Y., et al. Mol. Pharmacol. 67(3):734-743(2005) Hegedus, T., et al. Biochem. Biophys. Res. Commun. 302(3):454-461(2003) Scott, R.O., et al. J. Biol. Chem. 277(25):22934-2294