

Rabbit anti-Human, Mouse PDZD3 Polyclonal Antibody | anti-PDZD3 antibody

PDZD3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232940	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

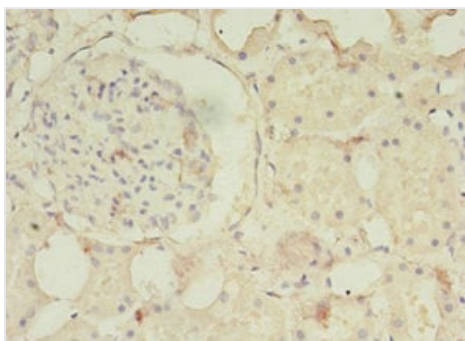
PRODUCT SYNONYMS

PDZD3; Polyclonal Antibody; PDZD3 Antibody; 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; IKEPP; NHERF4; PDZK2; DLNB27; anti-PDZD3 antibody

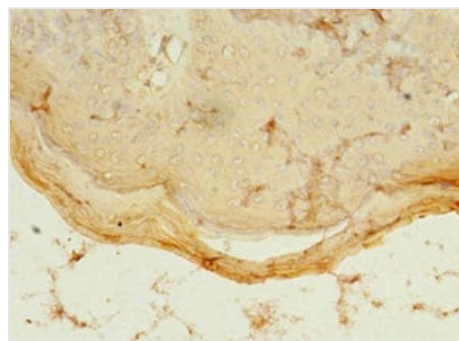
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	505
Applicable Applications for anti-PDZD3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Na(+)/H(+) exchange regulatory cofactor NHE-RF4 protein (42-291AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-82687 / sc-82689
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

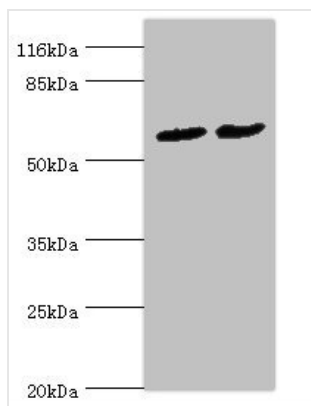
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA232940 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skin using AAA232940 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: PDZD3 antibody at 2ug/mlLane 1:mouse kidney tissueLane 2:mouse heart tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 62,55,53,42,25 kDaObserved band size: 61 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PDZD3 antibody	Acts as a regulatory protein that associates with GUCY2C and negatively modulates its heat-stable enterotoxin-mediated activation. Stimulates SLC9A3 activity in the presence of elevated calcium ions.
References	[1]"Complete sequencing and characterization of 21, 243 full-length human cDNAs." Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S. Sugano S.Nat. Genet. 36: 40-45(2004). [2]"Human chromosome 11 DNA sequence and analysis including novel gene identification."Taylor T.D., Noguchi H., Totoki Y., Toyoda A., Kuroki Y., Dewar K., Lloyd C., Itoh T., Takeda T., Kim D.-W., She X., Barlow K.F., Bloom T., Bruford E., Chang J.L., Cuomo C.A., Eichler E., FitzGerald M.G. Sakaki Y. Nature 440: 497-500(2006). [3]"The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)."The MGC Project TeamGenome Res. 14: 2121-2127(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	270483764
NCBI GeneID	79849
NCBI Accession #	NP_001161940.1
NCBI GenBank Nucleotide #	NM_001168468.1
UniProt Accession #	Q86UT5 ; Q8N6R4 ; Q8NAW7 ; Q8NEX7 ; Q9H5Z3
Molecular Weight	24,105 Da
NCBI Official Full Name	Na(+)/H(+) exchange regulatory cofactor NHE-RF4 isoform 1
NCBI Official Synonym Full Names	PDZ domain containing 3
NCBI Official Symbol	PDZD3
NCBI Official Synonym Symbols	IKEPP; PDZK2; NHERF4
NCBI Protein Information	Na(+)/H(+) exchange regulatory cofactor NHE-RF4
UniProt Protein Name	Na(+)/H(+) exchange regulatory cofactor NHE-RF4
UniProt Gene Name	PDZD3
UniProt Synonym Gene Names	IKEPP; NHERF4; PDZK2; NHERF-4; Na/Pi cotransporter C-terminal-associated protein 2; NaPi-Cap2
UniProt Entry Name	NHRF4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pdzd3-antibody-immunohistochemistry-western-blot-elisa/232940>