

Datasheet for ABIN2791850
anti-PDZD3 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	PDZD3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDZD3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human PDZD3
Sequence:	APLAEGWALP TKPRCLHLEK GPQGFGFLLR EEKGLDGRPG QFLWEVDPGL
Predicted Reactivity:	Cow: 93%, Dog: 93%, Horse: 86%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against PDZD3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PDZD3
Alternative Name:	PDZD3 (PDZD3 Products)
Background:	Guanylyl cyclase C (GCC, or GUCY2C, MIM 601330) produces cGMP following the binding of

Target Details

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.

Protein Interaction Partner: SPRYD7, ASAP3, SLC41A3, CACNA1S, PTGIR, SLC22A4, SLC01A2, SLC15A2, SLC01C1, GUCY2C, SLC03A1, SLC22A9, SLC22A3, SLC22A5, CFTR, ABCC2, SLC15A1,

Protein Size: 571

Molecular Weight: 62 kDa

Gene ID: 79849

UniProt: [Q86UT5](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: -20 °C

Storage Comment: 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.

