

Datasheet for ABIN2791849

anti-PDZD3 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	PDZD3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Guinea Pig
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 N-terminal region of Human PDZD3
Sequence:	PDPWSLERPR FCLLSKEEGK SFGFHLQQEL GRAGHVVCRV DPGTSAQRQG
Predicted Reactivity:	Cow: 79%, Dog: 93%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 86%, Rat: 93%
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)

Target Details

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. Protein Interaction Partner: SPRYD7, ASAP3, SLC41A3, CACNA1S, PTGIR, SLC22A4, SLC01A2, SLC15A2, SLC01C1, GUCY2C, SLC03A1, SLC22A9, SLC22A3, SLC22A5, CFTR, ABCC2, SLC15A1, Protein Size: 386
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Molecular Weight:	42 kDa
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Gene ID:	79849
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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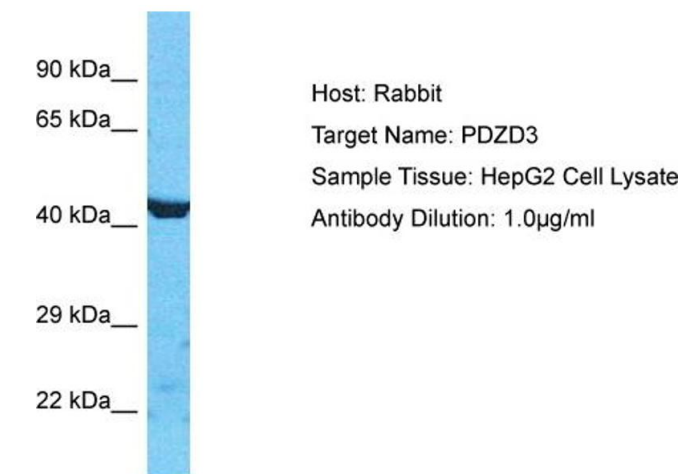
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeat freeze-thaw cycles.
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Storage:	-20 °C
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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.
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Western Blotting

Image 1. Host: Rabbit Target Name: PDZD3 Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml