Datasheet for ABIN7602096

anti-PITPNC1 antibody (AA 59-332)

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Overview

Quantity:	100 µg
Target:	PITPNC1
Binding Specificity:	AA 59-332
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PITPNC1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PITPNC1 Antibody Picoband®
Immunogen:	E.coli-derived human PITPNC1 recombinant protein (Position: E59-E332). Human PITPNC1 shares 96% amino acid (aa) sequence identity with mouse PITPNC1.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-PITPNC1 Antibody Picoband® (ABIN7602096). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	PITPNC1
Alternative Name:	PITPNC1 (PITPNC1 Products)
Background:	Synonyms: PITPNC1, Cytoplasmic phosphatidylinositol transfer protein 1, Mammalian rdgB homolog beta, M-rdgB beta, MrdgBbeta, Retinal degeneration B homolog beta, RdgBbeta Background: This gene encodes a member of the phosphatidylinositol transfer protein family. The encoded cytoplasmic protein plays a role in multiple processes including cell signaling and lipid metabolism by facilitating the transfer of phosphatidylinositol between membrane compartments. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 1.
Molecular Weight:	38 kDa
Gene ID:	26207
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL 1. Fullwood, Y., dos Santos, M., Hsuan, J. J. Cloning and characterization of a novel human phosphatidylinositol transfer protein, rdgB-beta. J. Biol. Chem. 274: 31553-31558, 1999. 2. Gross, M. B. Personal Communication. Baltimore, Md. 5/30/2014.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and

thawing.