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Datasheet for ABIN7165920
anti-PPP1R16B antibody (AA 101-400) (Biotin)

Overview

Quantity:	100 µg
Target:	PPP1R16B
Binding Specificity:	AA 101-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R16B antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Protein phosphatase 1 regulatory inhibitor subunit 16B protein (101-400AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PPP1R16B
Alternative Name:	PPP1R16B (PPP1R16B Products)
Background:	Background: Regulator of protein phosphatase 1 (PP1) that acts as a positive regulator of

Target Details

pulmonary endothelial cell (EC) barrier function. Involved in PKA-mediated moesin dephosphorylation which is important in EC barrier protection against thrombin stimulation. Promotes the interaction of PPP1CA with RPSA/LAMR1 and in turn facilitates the dephosphorylation of RPSA/LAMR1. Involved in the regulation of endothelial cell filopodia extension. May be a downstream target for TGF-beta1 signaling cascade in endothelial cells. Aliases: ANKRD4 antibody, Ankyrin repeat domain containing protein 4 antibody, ankyrin repeat domain protein 4 antibody, Ankyrin repeat domain-containing protein 4 antibody, CAAX box protein TIMAP antibody, hTIMAP antibody, KIAA0823 antibody, PP16B_HUMAN antibody, PPP1R16B antibody, Protein phosphatase 1 regulatory inhibitor subunit 16B antibody, protein phosphatase 1, regulatory (inhibitor) subunit 16B antibody, TGF beta inhibited membrane associated protein antibody, TGF-beta-inhibited membrane-associated protein antibody, TIMAP antibody

UniProt: [Q96T49](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.