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Datasheet for ABIN7183999 anti-PPP1R16B antibody

Image



Overview

Quantity:	100 μL
Target:	PPP1R16B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R16B antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Synthesized peptide derived from internal of Human PPP1R16B.
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	PPP1R16B
Alternative Name:	PPP1R16B (PPP1R16B Products)
Background:	Background: Regulator of protein phosphatase 1 (PP1) that acts as a positive regulator of pulmonary endothelial cell (EC) barrier function. Involved in PKA-mediated moesin
	dephosphorylation which is important in EC barrier protection against thrombin stimulation.

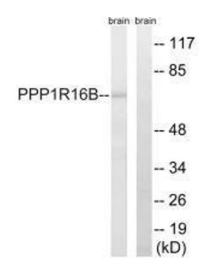
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Target Details

l'alget Details	
	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.
	Cao W., Am. J. Physiol. 283:C327-C337(2002).
	Nagase T., DNA Res. 5:355-364(1998).
	Nakajima D., DNA Res. 9:99-106(2002).
	Aliases: ANKRD4 antibody, Ankyrin repeat domain containing protein 4 antibody, ankyrin repea
	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, TIMA
	antibody
UniProt:	Q96T49
Application Details	
Application Notes:	WB:1:500-1:3000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl,
	0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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.

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Western Blotting

Image 1. Western blot analysis of extracts from mouse brain cells, using PPP1R16B antibody.

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