

Rabbit anti-Human, Mouse PPP1R16B Polyclonal Antibody | anti-PPP1R16B antibody

PPP1R16B Antibody

CATALOG # AAA305895	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

PPP1R16B; Polyclonal Antibody; PPP1R16B Antibody; TGF-beta-inhibited membrane-associated protein; hTIMAP; CAAX box protein TIMAP; Ankyrin repeat domain-containing protein 4; anti-PPP1R16B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PPP1R16B protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	525
Applicable Applications for anti-PPP1R16B antibody	WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human PPP1R16B.
Target Name	PPP1R16B
Preparation and Storage	Store at -20 degree C

IMAGES


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R16B antibody	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. 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).
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Product Categories/Family for anti-PPP1R16B antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289629249
NCBI GeneID	26051
NCBI Accession #	NP_001166206.1
NCBI GenBank Nucleotide #	NM_001172735.1
UniProt Accession #	Q96T49; O94912; Q5W9G4; Q9NQG4; A2RRR6; E9PFS8
Molecular Weight	64kd
NCBI Official Full Name	protein phosphatase 1 regulatory inhibitor subunit 16B isoform 2
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory subunit 16B
NCBI Official Symbol	PPP1R16B
NCBI Official Synonym Symbols	TIMAP; ANKRD4
NCBI Protein Information	protein phosphatase 1 regulatory inhibitor subunit 16B
UniProt Protein Name	Protein phosphatase 1 regulatory inhibitor subunit 16B
UniProt Gene Name	PPP1R16B
UniProt Synonym Gene Names	ANKRD4; KIAA0823; hTIMAP
UniProt Entry Name	PP16B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppp1r16b-antibody-western-blot-elisa/305895>