Rabbit anti-Human, Mouse PIP5K1B Polyclonal Antibody | anti-PIP5K1B antibody

PIP5K1B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231324	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

PIP5K1B; Polyclonal Antibody; PIP5K1B Antibody; Phosphatidylinositol 4-phosphate 5-kinase type-1 beta; PIP5K1-beta; PtdIns(4)P-5-kinase 1 beta; Phosphatidylinositol 4-phosphate 5-kinase type I beta; PIP5KIbeta; Protein STM-7; Type I phosphatidylinositol 4-phosphate 5-kinase beta; STM7; anti-PIP5K1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	502
Applicable Applications for anti-PIP5K1B antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Phosphatidylinositol 4-phosphate 5-kinase type-1 beta protein (190-470AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-11779 / sc-11778 / sc-11777
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA231324 at dilution 1:100

WB (Western Blot)
Western blotAll lanes: PIP5K1B antibody at 5.46ug/mlLane 1: Human placenta tissueLane 2: Mouse kidney tissueLane 3: Mouse skeletal muscle tissueLane 4: Mouse heart tissueLane 5: Mouse brain tissueLane 6: Mouse lung tissueSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 62,63,57 kDaObserved band size: 61 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PIP5K1B antibody	Participates in the biosynthesis of phosphatidylinositol 4,5-bisphosphate. Mediates RAC1-dependent reorganization of actin filaments. Contributes to the activation of PLD2. Together with PIP5K1A is required after stimulation of G-protein coupled receptors for stable platelet adhesion (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	503776444
NCBI GeneID	8395
NCBI Accession #	NP_001265182.1
NCBI GenBank Nucleotide #	NM_001278253.1
UniProt Accession #	O14986; P78518; P78519; Q5T5K6; Q5T5K8; Q5T5K9; Q5VZ00; Q7KYT5; Q8NHQ5; Q92749; A8K9L9; B4DIG7
Molecular Weight	56,951 Da
NCBI Official Full Name	phosphatidylinositol 4-phosphate 5-kinase type-1 beta isoform 3
NCBI Official Synonym Full Names	phosphatidylinositol-4-phosphate 5-kinase type 1 beta
NCBI Official Symbol	PIP5K1B
NCBI Official Synonym Symbols	MSS4; STM7
NCBI Protein Information	phosphatidylinositol 4-phosphate 5-kinase type-1 beta
UniProt Protein Name	Phosphatidylinositol 4-phosphate 5-kinase type-1 beta
UniProt Gene Name	**PIP5K1B**
UniProt Synonym Gene Names	STM7; PIP5K1-beta; PtdIns(4)P-5-kinase 1 beta; PIP5KIbeta
UniProt Entry Name	PI51B_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/pip5k1b-antibody-immunohistochemistry-western-blot-elisa/231324