Rabbit PIP5K1B Polyclonal Antibody | anti-PIP5K1B antibody

PIP5K1B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168511	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

PIP5K1B; Polyclonal Antibody; PIP5K1B Polyclonal Antibody; MSS4; STM7; anti-PIP5K1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.4mg/mL (varies by lot)
Sequence Length	502
Applicable Applications for anti-PIP5K1B antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human PIP5K1B
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human brain tissue using PIP5K1B Polyclonal Antibody at dilution 1:30

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PIP5K1B Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-PIP5K1B antibody	Phosphatidylinositol-4-phosphate-5-kinase (PIPK) synthesizes phosphatidylinositol-4, 5-bisphosphate, which regulates various processes including cell proliferation, survival, membrane trafficking, and cytoskeletal organization. The PIPK family is divided into type I, type II and type III. Each type of the PIPK family phosphorylate distinct substrates and they contain an activation loop, which determines their enzymatic specificity and subcellular targeting. The phosphatidylinositol-4-phosphate-5-kinase type I consists of three members, PIPK I å, beta, and ©, which are characterized by phosphorylating PI4P on the 5-hydroxyl. PIPK I å (designated PIPK I beta in mouse) is expressed in brain tissue. PIPK I beta, designated PIPK I a in mouse, is also called STM7. PIPK I © has two variants produced by alternative splicing which are expressed in lung, brain, and kidneys.

NCBI AND UNIPROT INFORMATION

NCBI GI #	503776444
NCBI GeneID	8395
NCBI Accession #	NP_001265182.1
NCBI GenBank Nucleotide #	NM_001278253.1
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 I, beta
NCBI Official Symbol	PIP5K1B
NCBI Official Synonym Symbols	MSS4; STM7
NCBI Protein Information	phosphatidylinositol 4-phosphate 5-kinase type-1 beta; PIP5K1-beta; PIP5KIbeta; phosphatidylinositol 4-phosphate 5-kinase type I beta; phosphatidylinositol-4-phosphate 5-kinase type-1 beta; protein STM-7; ptdIns(4)P-5-kinase 1 beta; type I phosphatidylinositol 4-phosphate 5-kinase beta; type I phosphatidylinositol-4-phosphate 5-kinase 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-elisa/168511