

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

PIP5K1B Antibody

CATALOG # AAA301195	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PIP5K1B protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.4 mg/ml (varies by lot)
Sequence Length	502
Applicable Applications for anti-PIP5K1B antibody	IHC (Immunohistochemistry)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human phosphatidylinositol-4-phosphate 5-kinase, type I, beta
Target Name	PIP5K1B
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/30.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using 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 , i', and , which are characterized by phosphorylating PI4P on the 5-hydroxyl. PIPK I (designated PIPK I i' in mouse) is expressed in brain tissue. PIPK I i', 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.
Product Categories/Family for anti-PIP5K1B antibody	Total protein Ab

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 I, 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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