Rabbit PIP5K1A Polyclonal Antibody | anti-PIP5K1A antibody

PIP5K1A Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167401	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

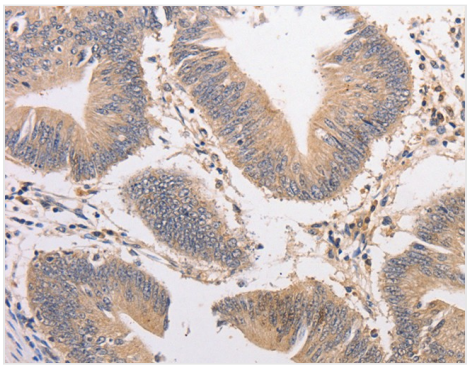
PRODUCT SYNONYMS

PIP5K1A; Polyclonal Antibody; PIP5K1A Polyclonal Antibody; anti-PIP5K1A antibody

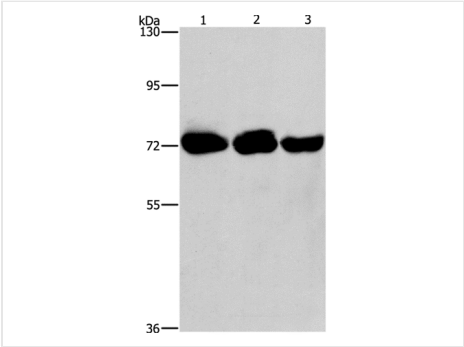
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.3mg/mL (varies by lot)
Sequence Length	562
Applicable Applications for anti-PIP5K1A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human PIP5K1A
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 colon cancer using PIP5K1A Polyclonal Antibody at dilution of 1:20



WB (Western Blot)
Western Blot analysis of Hela, A431 and 293T cell using PIP5K1A Polyclonal Antibody at dilution of 1:260

ADDITIONAL INFORMATION

Related Product Information for anti-PIP5K1A antibody	Phosphatidylinositol-4-phosphate 5-kinase type-1 alpha is an enzyme that in humans is encoded by the PIP5K1A gene. Catalyzes the phosphorylation of phosphatidylinositol 4-phosphate (PtdIns4P) to form phosphatidylinositol 4, 5-bisphosphate (PtdIns(4, 5)P2). PtdIns(4, 5)P2 is involved in a variety of cellular processes and is the substrate to form phosphatidylinositol 3, 4, 5-trisphosphate (PtdIns(3, 4, 5)P3), another second messenger. The majority of PtdIns(4, 5)P2 is thought to occur via type I phosphatidylinositol 4-phosphate 5-kinases given the abundance of PtdIns4P.

NCBI AND UNIPROT INFORMATION

NCBI GI #	208431778
NCBI GeneID	8394
NCBI Accession #	NP_001129110.1
NCBI GenBank Nucleotide #	NM_001135638.1
Molecular Weight	58,119 Da
NCBI Official Full Name	phosphatidylinositol 4-phosphate 5-kinase type-1 alpha isoform 1
NCBI Official Synonym Full Names	phosphatidylinositol-4-phosphate 5-kinase, type I, alpha
NCBI Official Symbol	PIP5K1A
NCBI Protein Information	phosphatidylinositol 4-phosphate 5-kinase type-1 alpha; 68 kDa type I phosphatidylinositol 4-phosphate 5-kinase alpha; 68 kDa type I phosphatidylinositol-4-phosphate 5-kinase alpha; PIP5K1-alpha; PIP5KIalpha; phosphatidylinositol 4-phosphate 5-kinase type I alpha; phosphatidylinositol-4-phosphate 5-kinase type-1 alpha; ptdIns(4)P-5-kinase 1 alpha
UniProt Protein Name	Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha
UniProt Gene Name	**PIP5K1A**
UniProt Synonym Gene Names	PIP5K1-alpha; PtdIns(4)P-5-kinase 1 alpha; PIP5KIalpha
UniProt Entry Name	PI51A_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/pip5k1a-antibody-immunohistochemistry-western-blot-elisa/167401