

Rabbit anti-Human PIP5K1A Polyclonal Antibody | anti-PIP5K1A antibody

PIP5K1A Antibody

CATALOG # AAA305592	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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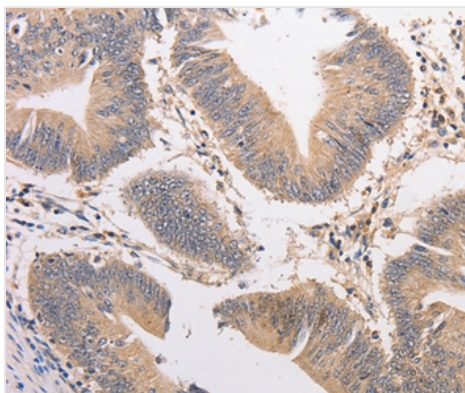
PRODUCT SYNONYMS

PIP5K1A; Polyclonal Antibody; PIP5K1A Antibody; PI51A; PIP5K1-alpha; PIP5K1alpha; anti-PIP5K1A antibody

PRODUCT SPECIFICATIONS

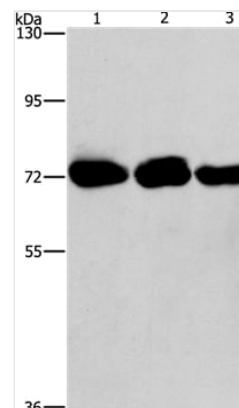
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PIP5K1A protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.3 mg/ml (varies by lot)
Sequence Length	522
Applicable Applications for anti-PIP5K1A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human phosphatidylinositol-4-phosphate 5-kinase, type I, alpha
Target Name	PIP5K1A
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/20.



Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): Hela, A431 and 293T cell Amount of lysate: 40ug per lane Primary antibody: 1/260 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

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.
Product Categories/Family for anti-PIP5K1A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	208431774
NCBI GeneID	8394
NCBI Accession #	NP_001129108.1
NCBI GenBank Nucleotide #	NM_001135636.1
UniProt Accession #	Q99755; Q99754; Q99756; A8K4Q0; B4DIN0
Molecular Weight	58,119 Da
NCBI Official Full Name	phosphatidylinositol 4-phosphate 5-kinase type-1 alpha isoform 3
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
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; PIP5K1alpha
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/305592>