

Rabbit PIP5K Polyclonal Antibody | anti-PIP5K antibody

PIP5K (Phospho-Ser307) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316431	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry

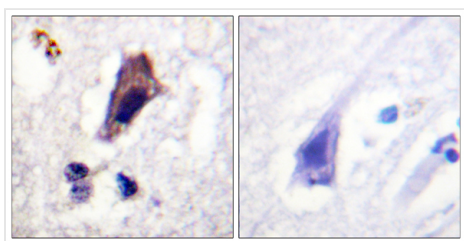
PRODUCT SYNONYMS

PIP5K; Polyclonal Antibody; PIP5K (Phospho-Ser307) Antibody; 1- phosphatidylinositol-4-phosphate 5-kinase; FYV1; FYVE finger-containing phosphoinositide kinase; KIAA0981; PIKfyve; PIP5K3; PtdIns(4)P-5- kinase; p235; anti-PIP5K antibody

PRODUCT SPECIFICATIONS

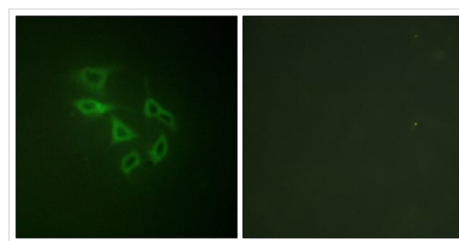
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PIP5K (Phospho-Ser307) Antibody detects endogenous levels of PIP5K only when phosphorylated at Ser307.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	548
Applicable Applications for anti-PIP5K antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Modification	Phospho
Modification Sites	H:S307; M:S318; R:S357
Immunogen	The antiserum was produced against synthesized peptide derived from human PIP5K around the phosphorylation site of Ser307.
Immunogen Range	273-322
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using PIP5K (Phospho-Ser307) Antibody. The picture on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using PIP5K (Phospho-Ser307) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295789162
NCBI GeneID	200576
NCBI Accession #	NP_001171471.1
NCBI GenBank Nucleotide #	NM_001178000.1
UniProt Accession #	Q9Y2I7; Q08AR7; Q08AR8; Q53ST3; Q53T36; Q8N5H0; Q8NB67
Molecular Weight	237 kDa
NCBI Official Full Name	1-phosphatidylinositol 3-phosphate 5-kinase isoform 4
NCBI Official Synonym Full Names	phosphoinositide kinase, FYVE-type zinc finger containing
NCBI Official Symbol	PIKFYVE
NCBI Official Synonym Symbols	CFD; FAB1; HEL37; PIP5K; PIP5K3; ZFYVE29
NCBI Protein Information	1-phosphatidylinositol 3-phosphate 5-kinase
UniProt Protein Name	1-phosphatidylinositol 3-phosphate 5-kinase
UniProt Gene Name	PIKFYVE
UniProt Synonym Gene Names	KIAA0981; PIP5K3; Phosphatidylinositol 3-phosphate 5-kinase; PIPkin-III; Type III PIP kinase

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://www.aaabiotech.com/polyclonal/pip5k-antibody-immunofluorescence-immunohistochemistry-elisa/316431>