

anti-Human, Mouse PIP5K Antibody | anti-PIP5K antibody

PIP5K (Phospho-Ser307) Antibody

CATALOG # AAA111715	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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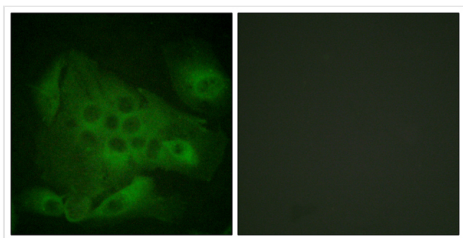
PRODUCT SYNONYMS

PIP5K; PIP5K (Phospho-Ser307) Antibody; 1-phosphatidylinositol-4-phosphate 5-kinase; EC 2.7.1.68; FYV1; FYVE finger-containing phosphoinositide kinase; KIAA0981; PIKfyve; PIP5K3; PtdIns(4)P-5-kinase; p235; anti-PIP5K antibody

PRODUCT SPECIFICATIONS

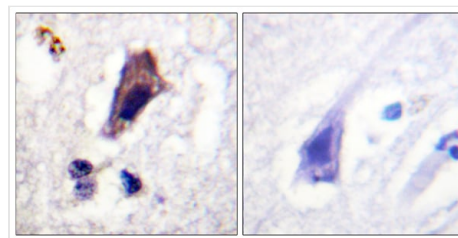
Reactivity	Human, Mouse
Specificity	PIP5K (Phospho-Ser307) antibody detects endogenous levels of PIP5K only when phosphorylated at serine 307.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	548
Applicable Applications for anti-PIP5K antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PIP5K around the phosphorylation site of serine 307 (S-A-SP-I-T).
All Sites	Human: Ser307 Mouse: Ser318
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human brain tissue using PIP5K (Phospho-Ser307) antibody. Immunofluorescence analysis of HeLa cells, using S PIP5K (Phospho-Ser307) antibody.



Application Data

P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-PIP5K antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Ota T., Nat. Genet. 36:40-45(2004). Nagase T., DNA Res. 6:63-70(1999). Olsen J.V., Cell 127:635-648(2006).

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	61,595 Da
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://stage.aaabiotech.com/human-mouse-antibody/pip5k/111715>