

Rabbit PIP4K2 beta Polyclonal Antibody | anti-PIP4K2beta antibody

Rabbit anti-PIP4K2 beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222978	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PIP4K2 beta; Polyclonal Antibody; Rabbit anti-PIP4K2 beta Antibody; PIP5K2B; Phosphatidylinositol 5-phosphate 4-kinase type-2 beta; 1-phosphatidylinositol 5-phosphate 4-kinase 2-beta; Diphosphoinositide kinase 2-beta; Phosphatidylinositol 5-phosphate 4-kinase type II beta; PI(5)P 4-kinase type II beta; PIP4KII-beta; PtdIns(5)P-4-kinase isoform 2-beta; anti-PIP4K2beta antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PIP4K2beta antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PIP4K2 beta
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



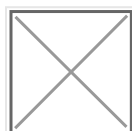
IF (Immunofluorescence)

Immunofluorescent analysis of PIP4K2 beta staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PIP4K2 beta staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PIP4K2 beta expression in Hela (A), A549 (B), mouse spleen (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PIP4K2beta antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505819
NCBI GeneID	8396
NCBI Accession #	NP_003550.1
NCBI GenBank Nucleotide #	NM_003559.4
UniProt Accession #	P78356; Q80XI4; O88377
Molecular Weight	32,317 Da
NCBI Official Full Name	phosphatidylinositol 5-phosphate 4-kinase type-2 beta
NCBI Official Synonym Full Names	phosphatidylinositol-5-phosphate 4-kinase, type II, beta
NCBI Official Symbol	PIP4K2B
NCBI Official Synonym Symbols	PI5P4KB; PIP5K2B; PIP5KIIB; PIP5P4KB; PIP5KIIBeta
NCBI Protein Information	phosphatidylinositol 5-phosphate 4-kinase type-2 beta; 1-phosphatidylinositol 5-phosphate 4-kinase 2-beta; 1-phosphatidylinositol-4-phosphate kinase; 1-phosphatidylinositol-5-phosphate 4-kinase 2-beta; PI(5)P 4-kinase type II beta; PIP4KII-beta; PTDINS(4)
UniProt Protein Name	Phosphatidylinositol 5-phosphate 4-kinase type-2 beta
UniProt Gene Name	PIP4K2B
UniProt Synonym Gene Names	PIP5K2B; PI(5)P 4-kinase type II beta; PIP4KII-beta
UniProt Entry Name	PI42B_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.