

Rabbit anti-Human PIP5K2B Polyclonal Antibody | anti-PIP4K2B antibody

PIP5K2B Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286432	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

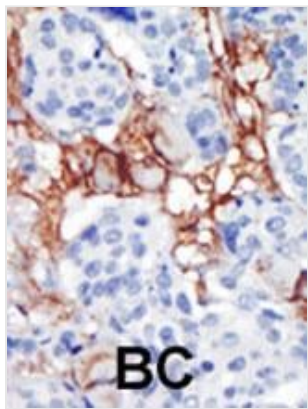
PRODUCT SYNONYMS

PIP5K2B; Polyclonal Antibody; PIP5K2B Antibody (C-term); 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; PIP4K2B; anti-PIP4K2B antibody

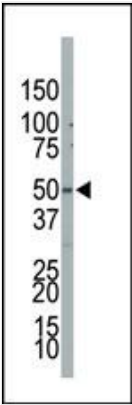
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PIP5K2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 286-317 amino acids from the C-terminal region of human PIP5K2B.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	286-317
Sequence Length	416
Applicable Applications for anti-PIP4K2B antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-PIP5K2B Pab is used in Western blot to detect PIP5K2B in NCI-H460 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PIP4K2B antibody	PIP5K2B catalyzes the phosphorylation of phosphatidylinositol-4-phosphate on the fifth hydroxyl of the myo-inositol ring to form phosphatidylinositol-4,5-bisphosphate. It is a member of the phosphatidylinositol-4-phosphate 5-kinase family. The encoded protein sequence does not show similarity to other kinases, but the protein does exhibit kinase activity. Additionally, the encoded protein interacts with p55 TNF receptor.
Product Categories/Family for anti-PIP4K2B antibody	Metabolism; Signal Transduction
References	Rao, V.D., et al., Cell 94(6):829-839 (1998). Castellino, A.M., et al., J. Biol. Chem. 272(9):5861-5870 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505819
NCBI GeneID	8396
NCBI Accession #	NP_003550.1
NCBI GenBank Nucleotide #	NM_003559.4
UniProt Accession #	P78356; Q5U0E8; Q8TBP2
Molecular Weight	47378
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pip5k2b-antibody-immunohistochemistry-western-blot-elisa/286432>