Rabbit PIP5K2G Polyclonal Antibody | anti-PIP4K2C antibody

PIP5K2G Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285468	**Rabbit**	**Human (Predicted Reactivity: Rat)**	**Western Blot, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

PIP5K2G; Polyclonal Antibody; PIP5K2G Antibody (C-term); Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma; Phosphatidylinositol 5-phosphate 4-kinase type II gamma; PI(5)P 4-kinase type II gamma; PIP4KII-gamma; PIP4K2C; PIP5K2C; anti-PIP4K2C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PIP5K2G antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 333-364 amino acids from the C-terminal region of human PIP5K2G.
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	333-364
Sequence Length	403
Applicable Applications for anti-PIP4K2C antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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 (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with PIP5K2G Antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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)
Western blot analysis of lysate from human brain tissue lysate, using PIP5K2G Antibody(E348). AAA285468 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-PIP4K2C antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.
Product Categories/Family for anti-PIP4K2C antibody	Signal Transduction
References	Blume-Jensen P, et al. Nature 2001. 411: 355. Cantrell D, J. Cell Sci. 2001. 114: 1439. Jhiang S Oncogene 2000. 19: 5590. Manning G, et al. Science 2002. 298: 1912. Moller, D, et al. Am. J. Physiol. 1994. 266: C351-C359. Robertson, S. et al. Trends Genet. 2000. 16: 368. Robinson D, et al. Oncogene 2000. 19: 5548. Van der Ven, P, et al. Hum. Molec. Genet. 1993. 2: 1889. Vanhaesebroeck, B, et al. Biochem. J. 2000. 346: 561. Van Weering D, et al. Recent Results Cancer Res. 1998. 154: 271.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226371739
NCBI GeneID	79837
NCBI Accession #	NP_001139730.1; NP_001139731.1; NP_001139732.1; NP_079055.3
NCBI GenBank Nucleotide #	NM_001146258.1
UniProt Accession #	Q8TBX8; Q9H6N2; B2RDL3; B4DM11; B4DY44
Molecular Weight	47300
NCBI Official Full Name	phosphatidylinositol 5-phosphate 4-kinase type-2 gamma isoform a
NCBI Official Synonym Full Names	phosphatidylinositol-5-phosphate 4-kinase, type II, gamma
NCBI Official Symbol	PIP4K2C
NCBI Official Synonym Symbols	PIP5K2C
NCBI Protein Information	phosphatidylinositol 5-phosphate 4-kinase type-2 gamma
UniProt Protein Name	Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma
UniProt Gene Name	**PIP4K2C**
UniProt Synonym Gene Names	PIP5K2C; PI(5)P 4-kinase type II gamma; PIP4KII-gamma
UniProt Entry Name	PI42C_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/pip5k2g-antibody-western-blot-immunohistochemistry-elisa/285468