

Rabbit PIP4K2A Polyclonal Antibody | anti-PIP4K2A antibody

PIP4K2A Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166676	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

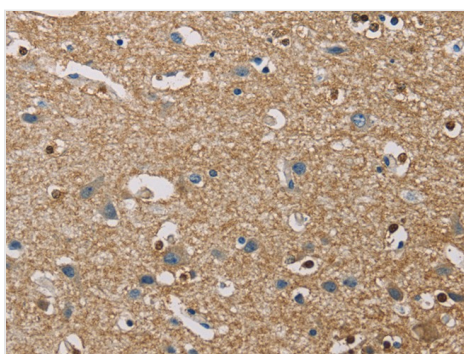
PRODUCT SYNONYMS

PIP4K2A; Polyclonal Antibody; PIP4K2A Polyclonal Antibody; PIPK; PI5P4KA; PIP5K2A; PIP5KIIA; PIP5KII-alpha; anti-PIP4K2A antibody

PRODUCT SPECIFICATIONS

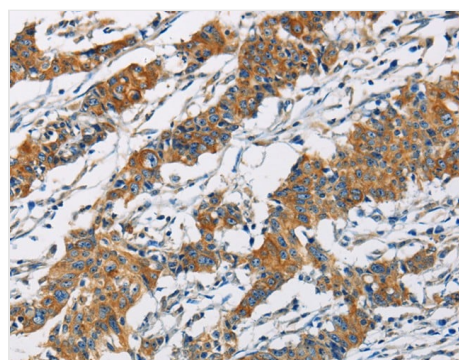
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.9mg/mL (varies by lot)
Sequence Length	406
Applicable Applications for anti-PIP4K2A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human PIP4K2A
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



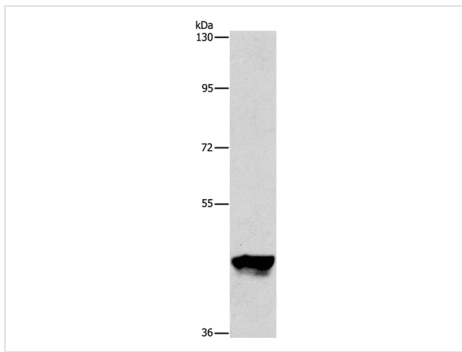
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using PIP4K2A Polyclonal Antibody at dilution of 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using PIP4K2A Polyclonal Antibody at dilution of 1:40



WB (Western Blot)
Western Blot analysis of K562 cell using PIP4K2A Polyclonal Antibody at dilution of 1:950

ADDITIONAL INFORMATION

Related Product Information for anti-PIP4K2A antibody	Phosphatidylinositol-5, 4-bisphosphate, the precursor to second messengers of the phosphoinositide signal transduction pathways, is thought to be involved in the regulation of secretion, cell proliferation, differentiation, and motility. The protein encoded by this gene is one of a family of enzymes capable of catalyzing the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form phosphatidylinositol-5, 4-bisphosphate. The amino acid sequence of this enzyme does not show homology to other kinases, but the recombinant protein does exhibit kinase activity. This gene is a member of the phosphatidylinositol-5-phosphate 4-kinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6857820
NCBI GeneID	5305
NCBI Accession #	NP_005019.2
NCBI GenBank Nucleotide #	NM_005028.4
Molecular Weight	39,802 Da
NCBI Official Full Name	phosphatidylinositol 5-phosphate 4-kinase type-2 alpha
NCBI Official Synonym Full Names	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha
NCBI Official Symbol	PIP4K2A
NCBI Official Synonym Symbols	PIPK; PI5P4KA; PIP5K2A; PIP5KIIA; PIP5KII-alpha
NCBI Protein Information	phosphatidylinositol 5-phosphate 4-kinase type-2 alpha; 1-phosphatidylinositol 5-phosphate 4-kinase 2-alpha; 1-phosphatidylinositol-4-phosphate kinase; 1-phosphatidylinositol-4-phosphate-5-kinase; 1-phosphatidylinositol-5-phosphate 4-kinase 2-alpha; PI(5)P 4-kinase type II alpha; PIP4KII-alpha; PIP5KIII; PIP5KIIalpha; PtdIns(4)P-5-kinase B isoform; diphosphoinositide kinase 2-alpha; phosphatidylinositol 5-phosphate 4-kinase type II alpha; phosphatidylinositol-4-phosphate 5-kinase, type II, alpha; phosphatidylinositol-5-phosphate 4-kinase type-2 alpha; ptdIns(4)P-5-kinase C isoform; ptdIns(5)P-4-kinase isoform 2-alpha; type II phosphatidylinositol-4-phosphate 5-kinase 53 K isoform
UniProt Protein Name	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha
UniProt Gene Name	PIP4K2A
UniProt Synonym Gene Names	PIP5K2; PIP5K2A; PI(5)P 4-kinase type II alpha; PIP4KII-alpha
UniProt Entry Name	PI42A_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.