

Product datasheet for **TA397526**

PIP5K1A Rabbit Polyclonal Antibody

Product data:

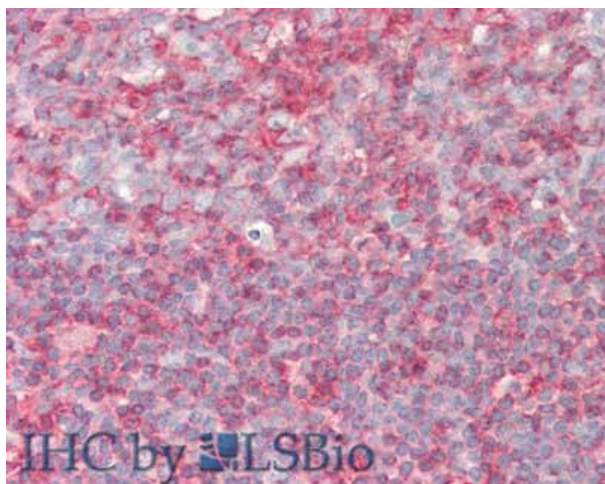
Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB: 1ug/ml IHC: 5 µg/mL ELISA: 1: 10,000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Anti-PI4K, type I alpha affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of human PI4K, type I alpha protein.
Specificity:	Anti-PI4K, type I alpha was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with mouse and human based on 100% sequence homology. Cross-reactivity with PI4K, type I alpha from other sources has not been determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	0.75 mg/mL - lot specific
Conjugation:	Unconjugated
Storage:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	<u>Q99755</u>



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- Background:** Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha is a member of PI3/PI4-kinase family, PI4K alpha is expressed with the highest amount of expression in the heart, placenta, skeletal muscle, kidney and pancreas. This gene encodes a phosphatidylinositol (PI) 4-kinase which catalyzes the first committed step in the biosynthesis of phosphatidylinositol 4,5-bisphosphate. Anti-PI4K alpha antibody is ideal for investigators interested in Kinase and Phosphatase Antibodies.
- Synonyms:** rabbit anti-PI4K alpha antibody, Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha, PIP5K1-alpha, PtdIns(4)P-5-kinase 1 alpha, 68 kDa type I phosphatidylinositol 4-phosphate 5-kinase alpha, Phosphatidylinositol 4-phosphate 5-kinase type I alpha, PIP5K1alpha, PIP5K1A
- Note:** Anti-PI4K alpha antibody is tested by IHC and ELISA useful for Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~62.6kDa corresponding to the appropriate cell lysate or extract.

Product images:



Immunohistochemistry of Rabbit anti-PIP5K1A antibody. Tissue: Tonsil. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: PIP5K1A antibody at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: PIP5K1A as precipitated red signal with hematoxylin purple nuclear counterstain.