

Anti-PI4K α , type I PIP5K1A Antibody

Catalog Number: A07416

About PIP5K1A

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.

Overview

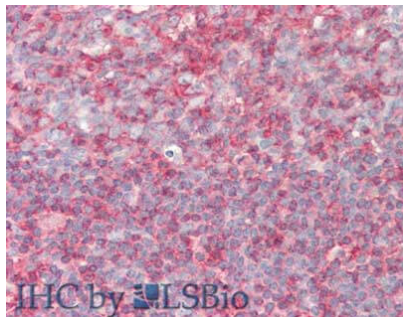
Product Name	Anti-PI4K α , type I PIP5K1A Antibody
Reactive Species	Human
Description	Boster Bio Anti-PI4K α , type I PIP5K1A Antibody (Catalog # A07416). Tested in IHC applications. This antibody reacts with Human.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 30% Glycerol
Storage Instructions	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. Expiration date is one (1) year from date of opening. (Ship on dry ice.)
Host	Rabbit
Uniprot ID	Q99755

Technical Details

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.
Predicted Reactive Species	Chimpanzee
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid (sterile filtered)
Concentration	0.75 mg/mL by UV absorbance at 280 nm

Purification	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.
Suggested Dilutions	ELISA: 1: 10,000 IHC: 5 µg/mL WB: 1ug/ml 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.

Anti-PI4K a, type I PIP5K1A Antibody (A07416) 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.

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For Research Use Only. Not for use in diagnostic procedures.