

Product datasheet for **TA397512**

PI4K2B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	WB: 0.2 µg/ml IHC: 1:100-1:500 IF: 1:100-1:500 ELISA: 1:20,000 - 1:60,000
Reactivity:	Human, Mouse, Primate, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	PIP5K2B affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the C-terminus of human PIP5K2B.
Specificity:	Anti-PIP5K2B was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody is specific towards PIP5K2B. A BLAST analysis was used to suggest cross-reactivity with Human, Mouse, Rat, Chicken, and Primate based on 100% sequence homology. Cross-reactivity with PIP5K2B from other sources has not been determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	0.65 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 six (6) months from date of receipt.
Database Link:	Q8TCG2



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- Background:** PIP5K2B (phosphatidylinositol-4-phosphate 5-kinase, type II, beta) functions in the Pkc1p protein kinase pathway and is required for normal vacuole morphology, cell wall integrity, and actin cytoskeleton organization. Anti-PIP5K2B antibodies are ideal for researchers interested in Cancer research.
- Synonyms:** rabbit anti-PIP5K2B antibody, 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, PIP5K2B
- Note:** Anti-PIP5K2B antibody is tested for ELISA and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~54 kDa corresponding to the appropriate cell lysate or extract.

Product images:



Western Blot of Rabbit Anti-PIP5K2B Antibody.
Lane 1: Mouse Brain homogenate samples. Load: 10 µg per lane. Primary antibody: PIP5K2B antibody at 0.2µg/mL for overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:40,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 54 kDa for PIP5K2B. Other band(s): None.