

Product datasheet for **TA397528**

PI4K2A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB: 1ug/ml IHC: User Optimized ELISA: 1: 10,000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Anti-PI4KII alpha affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide at the N-terminal of human P4K2A protein.
Specificity:	Anti-PI4KII alpha was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with human, mouse, and rat based on 100% sequence homology. Cross-reactivity with PI4KII alpha from other sources has not been determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	0.31mg/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:	Q9BTU6
Background:	PI4KII alpha contributes to the overall PI4-kinase activity of the cell. It contributes to the production of InsP3 in stimulated cells. A member of PI3/PI4-kinase family, PI4KII alpha is widely expressed with the highest amount of expression in the kidney, brain, heart, skeletal muscle, and placenta. It is associated with the BLOC-1 and AP-3 complexes. Anti-PI4KII alpha antibody is ideal for investigators interested in Kinase and Phosphatase Antibodies.



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Synonyms: rabbit anti-PI4KII alpha antibody, Phosphatidylinositol 4-kinase type 2-alpha, Phosphatidylinositol 4-kinase type II-alpha, PI4K2A, PIP4K2A

Note: Anti-PI4KII alpha antibody has been tested by ELISA, and western blot and is useful for Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~54kDa corresponding to the appropriate cell lysate or extract.