

Product datasheet for **TA342235**

PIP5K2 alpha (PIP4K2A) Rabbit Polyclonal Antibody

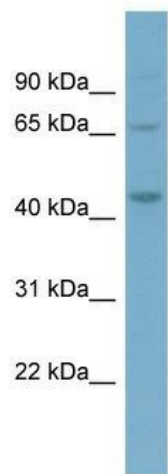
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PIP4K2A antibody: synthetic peptide directed towards the middle region of human PIP4K2A. Synthetic peptide located within the following region: EQEEVECEENDGEEEGESDGTHPVGTPPDSPGNTLNSSPPLAPGEFDPNI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	46 kDa
Gene Name:	phosphatidylinositol-5-phosphate 4-kinase type 2 alpha
Database Link:	NP_005019 Entrez Gene 5305 Human P48426



[View online »](#)

Background:	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. [provided by RefSeq, Jul 2008]
Synonyms:	PI5P4KA; PIP5K2A; PIP5KII-alpha; PIP5KIIA; PIPK
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%
Protein Families:	Druggable Genome
Protein Pathways:	Inositol phosphate metabolism, Phosphatidylinositol signaling system, Regulation of actin cytoskeleton

Product images:

WB Suggested Anti-PIP4K2A Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:
COLO205 cell lysate