

## Product datasheet for **TA360258**

### PIP5K2 beta (PIP4K2B) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PIP4K2B
Specificity:	<b>Expected reactivity:</b> Human
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:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	47 kDa
Gene Name:	phosphatidylinositol-5-phosphate 4-kinase type 2 beta
Database Link:	<a href="#">NP_003550.1</a> <a href="#">Entrez Gene 8396 Human</a> <a href="#">P78356</a>
Background:	The protein encoded by this gene catalyzes the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form phosphatidylinositol-5,4-bisphosphate. This gene is a member of the phosphatidylinositol-5-phosphate 4-kinase family. The encoded protein sequence does not show similarity to other kinases, but the protein does exhibit kinase activity. Additionally, the encoded protein interacts with p53 TNF receptor.
Synonyms:	PI5P4KB; PIP4KII-beta; PIP5K2B; PIP5KIIB; PIP5KIIBeta; PTDINS(4)P-5-kinase



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Protein Families: Druggable Genome

Protein Pathways: Endocytosis, Fc gamma R-mediated phagocytosis, Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system, Regulation of actin cytoskeleton

### Product images:



Host: Rabbit  
Target Name: PIP4K2B  
Sample Type: MCF7 Cell Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: PIP4K2B  
Sample Tissue: Human MCF7 Whole Cell  
Antibody Dilution: 1.0 $\mu$ g/ml