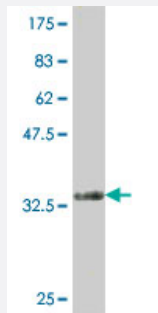


PIP4K2B polyclonal antibody (A01)

Catalog # H00008396-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (35.79 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PIP4K2B.
Immunogen	PIP4K2B (NP_003550, 73 a.a. ~ 160 a.a) partial recombinant protein with GST tag.
Sequence	AYSKIKVDNHLFNKENLPSRFKFKEYCPMVFRNLRERFGIDDQDYQNSVTRSAPINSDSQGRCGT RFLTYYDRRFVIKTVSSEDVAEM
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.79 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PIP4K2B

Entrez GeneID [8396](#)

GeneBank Accession# [NM_003559](#)

Protein Accession# [NP_003550](#)

Gene Name PIP4K2B

Gene Alias PI5P4KB, PIP5K2B, PIP5KIIB, PIP5KIIBeta

Gene Description phosphatidylinositol-5-phosphate 4-kinase, type II, beta

Omim ID [603261](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 p55 TNF receptor. [provided by RefSeq]

Other Designations 1-phosphatidylinositol-4-phosphate kinase|PTDINS(4)P-5-kinase|diphosphoinositide kinase|phosphatidylinositol-4-phosphate 5-kinase, type II, beta

Pathway

- [Endocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)