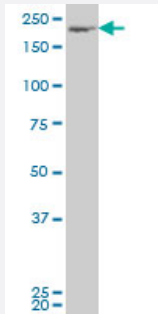


PIP5K3 polyclonal antibody (A01)

Catalog # H00200576-A01

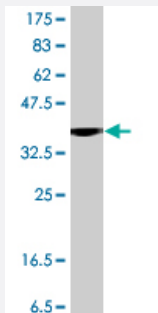
Size 50 uL

Applications



Western Blot (Tissue lysate)

PIP5K3 polyclonal antibody (A01), Lot # ABNOVA060628QCS1. Western Blot analysis of PIP5K3 expression in human Skeletal muscle.



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PIP5K3.
Immunogen	PIP5K3 (NP_689884, 342 a.a. ~ 451 a.a) partial recombinant protein with GST tag.
Sequence	LQSTEFSETPSPDSDSVNSVEGHSEPSWFKDIKFDSDTEQIAEEGDDNLANSASPSKRTSVSS FQSTVDSDSAASISLNVELDNVNFHIKKPSKYPHVPPHPADQKGRR
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .

Storage Buffer	50 % glycerol
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Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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Applications

- Western Blot (Tissue lysate)

PIP5K3 polyclonal antibody (A01), Lot # ABNOVA060628QCS1. Western Blot analysis of PIP5K3 expression in human Skeletal muscle.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PIP5K3

Entrez GeneID	200576
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GeneBank Accession#	NM_152671
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Protein Accession#	NP_689884
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Gene Name	PIP5K3
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Gene Alias	CFD, FAB1, KIAA0981, MGC40423, PIKFYVE, PIP5K
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Gene Description	phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III
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Omim ID	121850 609414
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Gene Ontology	Hyperlink
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Gene Summary	PIP5K3 belongs to a large family of lipid kinases that alter the phosphorylation status of intracellular phosphatidylinositol. Signaling by phosphorylated species of phosphatidylinositol regulates diverse cellular processes, including membrane trafficking and cytoskeletal reorganization (Shisheva et al., 1999 [PubMed 9858586]).[supplied by OMIM]
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Other Designations	1-phosphatidylinositol-4-phosphate 5-kinase FYVE finger-containing phosphoinositide kinase OTTHUMP00000163872 PtdIns(4)P-5-kinase phosphatidylinositol-3-phosphate 5-kinase type III phosphatidylinositol-4-phosphate 5-kinase, type III
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Pathway

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

Disease

- [Tobacco Use Disorder](#)