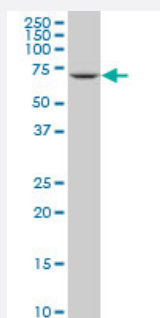


PIP5K1B polyclonal antibody (A01)

Catalog # H00008395-A01

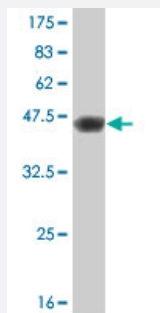
Size 50 uL

Applications



Western Blot (Cell lysate)

PIP5K1B polyclonal antibody (A01), Lot # 060927JCS1 Western Blot analysis of PIP5K1B expression in Y-79 (Cat # L042V1).



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PIP5K1B.
Immunogen	PIP5K1B (NP_003549, 201 a.a. ~ 310 a.a) partial recombinant protein with GST tag.
Sequence	TYDLKGSTYKRRASRKEREKSNPTFKDLDFLQDMHEGLYFDTETYNALMKTLQRDCRVLESFKIM DYSLLLGIIHFLDHSLKEKEEETPQNVDPDAKRTGMQKVLYSTAMES
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (94)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (38.21 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

PIP5K1B polyclonal antibody (A01), Lot # 060927JCS1 Western Blot analysis of PIP5K1B expression in Y-79 (Cat # L042V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PIP5K1B

Entrez GeneID

[8395](#)

GeneBank Accession#

[NM_003558](#)

Protein Accession#

[NP_003549](#)

Gene Name

PIP5K1B

Gene Alias

MSS4, STM7

Gene Description

phosphatidylinositol-4-phosphate 5-kinase, type I, beta

Omim ID

[602745](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

type I

Other Designations

OTTHUMP00000021423

Publication Reference

- [FAM122A is required for mesendodermal and cardiac differentiation of embryonic stem cells.](#)

Yun-Sheng Yang, Man-Hua Liu, Zhao-Wen Yan, Guo-Qiang Chen, Ying Huang.

Stem Cells 2023 Apr; 41(4):354.

Application: WB, Mouse, Mouse embryo

- [Cis-silencing of PIP5K1B evidenced in Friedreich's ataxia patient cells results in cytoskeleton anomalies.](#)

Bayot A, Reichman S, Lebon S, Csaba Z, Aubry L, Sterkers G, Husson I, Rak M, Rustin P.

Human Molecular Genetics 2013 Jul; 22(14):2894.

Application: WB, Human, Fibroblasts

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)