



Anti-PIP5K1B (aa 201-310) polyclonal antibody (DPAB-DC3451)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	PIP5K1B (phosphatidylinositol-4-phosphate 5-kinase, type I, beta) is a protein-coding gene. Diseases associated with PIP5K1B include friedreich ataxia, and ataxia, and among its related super-pathways are PI Metabolism and Phosphatidylinositol signaling system. GO annotations related to this gene include 1-phosphatidylinositol-4-phosphate 5-kinase activity and ATP binding. An important paralog of this gene is PIP4K2A.
Immunogen	PIP5K1B (NP_003549, 201 a.a. ~ 310 a.a) partial recombinant protein with GST tag. The sequence is TYDLKGSTYKRRASRKEREKSNPTFKDLDFLQDMHEGLYFDTETYNALMKTLQRDCRVLE SFKIMDYSLLLGIHFLDHSLKEKEEETPQNVPAKRTGMQKVLYSTAMES
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PIP5K1B phosphatidylinositol-4-phosphate 5-kinase, type I, beta [Homo sapiens (human)]
Official Symbol	PIP5K1B
Synonyms	PIP5K1B; phosphatidylinositol-4-phosphate 5-kinase, type I, beta; MSS4; STM7; phosphatidylinositol 4-phosphate 5-kinase type-1 beta; PIP5K1beta; PIP5K1-beta; protein STM-7; ptdIns(4)P-5-kinase 1 beta; phosphatidylinositol 4-phosphate 5-kinase type I beta; phosphatidylinositol-4-phosphate 5-kinase type-1 beta; type I phosphatidylinositol 4-phosphate 5-kinase beta; type I phosphatidylinositol-4-phosphate 5-kinase beta;
Entrez Gene ID	8395
Protein Refseq	NP_001265182
UniProt ID	O14986
Chromosome Location	9q13
Pathway	3-phosphoinositide biosynthesis; B Cell Receptor Signaling Pathway; D-myo-inositol (1,4,5)-trisphosphate biosynthesis; Endocytosis
Function	1-phosphatidylinositol-4-phosphate 5-kinase activity; ATP binding; protein binding;