CD Creative Diagnostics®

Anti-PIP5K1C monoclonal antibody, clone NBP-S2 (DCABH-182)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to PIP5KI gamma
Antigen Description	Plays a role in membrane ruffling and assembly of clathrin-coated pits at the synapse. Mediates RAC1-dependent reorganization of actin filaments (By similarity). Participates in the biosynthesis of phosphatidylinositol-4,5-bisphosphate.
Immunogen	Recombinant full length Mouse PIP5KI gamma.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	NBP-S2
Conjugate	Unconjugated
Applications	WB, IP
Positive Control	K562, Human fetal kidney, C6, Neuro-2a, and 293T cell lysates
Format	Liquid
Size	100 µl
Buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

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GENE INFORMATION

Gene Name	Pip5k1c phosphatidylinositol-4-phosphate 5-kinase, type 1 gamma [Mus musculus]
Official Symbol	PIP5K1C
Synonyms	PIP5K1C; phosphatidylinositol-4-phosphate 5-kinase, type 1 gamma; phosphatidylinositol-4-phosphate 5-kinase type-1 gamma; PIP5K1-gamma; ptdIns(4)P-5-kinase 1 gamma; phosphatidylinositol-4-phosphate 5-kinase type I gamma; AI115456; AI835305; Pip5kIgamma;
Entrez Gene ID	18717
Protein Refseq	NP_001140159
UniProt ID	O70161
Pathway	3-phosphoinositide biosynthesis, organism-specific biosystem; Axon guidance, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; D-myo-inositol (1,4,5)-trisphosphate biosynthesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem.
Function	1-phosphatidylinositol-4-phosphate 5-kinase activity; ATP binding; kinase activity; nucleotide binding; phosphatidylinositol phosphate kinase activity; transferase activity;

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