PIP5K1C Conjugated Antibody

Catalog No: #C37375

Package Size: #C37375-AF350 100ul #C37375-AF405 100ul #C37375-AF488 100ul #C37375-AF555 100ul #C37375-AF594 100ul #C37375-AF647 100ul #C37375-AF680 100ul #C37375-AF750 100ul #C37375-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PIP5K1C Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PIP5K1C protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human phosphatidylinositol-4-phosphate 5-kinase, type I, gamma
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	LCCS3; PIPKIg_v4; PIP5Kgamma; PIP5K-GAMMA
Accession No.	Swiss-Prot#:O60331NCBI Gene ID:23396NCBI mRNA#:NCBI Protein#:NP_055417
Uniprot	O60331
GeneID	23396;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	73
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This locus encodes a type I phosphatidylinositol 4-phosphate 5-kinase. The encoded protein catalyzes phosphorylation of phosphatidylinositol 4-phosphate, producing phosphatidylinositol 4,5-bisphosphate. This enzyme is found at synapses and has been found to play roles in endocytosis and cell migration. Mutations at this locus have been associated with lethal congenital contractural syndrome. Alternatively spliced transcript variants encoding different isoforms have been described.

Note: This product is for in vitro research use only