



P4K2A rabbit pAb

Cat No.:ES9988

For research use only

Overview

Product Name	P4K2A rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 50-130
Specificity	P4K2A Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Phosphatidylinositol 4-kinase type 2-alpha (EC 2.7.1.67) (Phosphatidylinositol 4-kinase type II-alpha)
Gene Name	PI4K2A
Cellular localization	Golgi apparatus, trans-Golgi network membrane ; Lipid-anchor . Membrane raft . Cell projection, dendrite . Cell junction, synapse, presynaptic cell membrane . Cell junction, synapse, synaptosome . Mitochondrion . Endosome . Cytoplasmic vesicle . Membrane ; Lipid-anchor . Cell membrane . Perikaryon . Cell projection, neuron projection . Found in subdomains of the plasma membrane termed non-caveolar membrane rafts. Transported from neuronal cell body to neuron projections and neurite tips in a BLOC-1- and AP-3-complexes-dependent manner. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml





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Observed band 52kD
Human Gene ID 55361
Human Swiss-Prot Number Q9BTU6

Alternative Names

Background

Phosphatidylinositolpolyphosphates (PtdInsPs) are centrally involved in many biologic processes, ranging from cell growth and organization of the actin cytoskeleton to endo- and exocytosis. PI4KII phosphorylates PtdIns at the D-4 position, an essential step in the biosynthesis of PtdInsPs (Barylko et al., 2001 [PubMed 11244087]).[supplied by OMIM, Mar 2008],



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