



CALY Polyclonal Antibody

Catalog No	YP-Ab-05067
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	CALY DRD1IP
Protein Name	Neuron-specific vesicular protein calcyon
Immunogen	Synthesized peptide derived from human protein . at AA range: 1-80
Specificity	CALY Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	23kD
Cell Pathway	Cytoplasmic vesicle membrane; Single-pass membrane protein. Cell membrane; Single-pass membrane protein.
Tissue Specificity	Expressed in the pyramidal cells of the prefrontal cortex, in hippocampus and in caudate nucleus. No expression in spleen. Up-regulated in the prefrontal cortex of schizophrenic patients with nearly twice the levels of non-schizophrenics.
Function	caution:Was originally (PubMed:10698743) thought to interact with the D1 dopamine receptor (DRD1) and to play a role in potentiating calcium ion-dependent signaling but this work was later retracted.,function:Interacts with clathrin light chain A and stimulates clathrin self-assembly and clathrin-mediated endocytosis.,PTM:Glycosylated.,similarity:Belongs to the NSG family.,subunit:Interacts with CLTA.,tissue specificity:Expressed in the pyramidal cells of the prefrontal cortex, in hippocampus and in caudate nucleus. No expression in spleen. Up-regulated in the prefrontal cortex of schizophrenic patients with nearly twice the levels of non-schizophrenics.,
Background	calcyon neuron specific vesicular protein(CALY) Homo sapiens The protein encoded by this gene is a type II single transmembrane protein. It is required for maximal stimulated calcium release after stimulation of purinergic or muscarinic but not beta-adrenergic receptors. The encoded protein interacts with D1 dopamine receptor and may interact with other DA receptor subtypes and/or



GPCRs. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images