10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CALY Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21631b

Product Information

Application	WB, E
Primary Accession	Q9NYX4
Reactivity	Human
Predicted	Canine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB51698
Calculated MW	23434

Additional Information

Gene ID	50632
Other Names	Neuron-specific vesicular protein calcyon, CALY, DRD1IP
Target/Specificity	This CALY antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 154-187 amino acids from the C-terminal region of human CALY.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CALY Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CALY
Synonyms	DRD1IP
Function	Interacts with clathrin light chain A and stimulates clathrin self-assembly and clathrin-mediated endocytosis.

Cellular Location	Cytoplasmic vesicle membrane; Single-pass membrane protein. Cell membrane; Single-pass membrane protein
Tissue Location	Expressed in the pyramidal cells of the prefrontal cortex, in hypothalamus 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

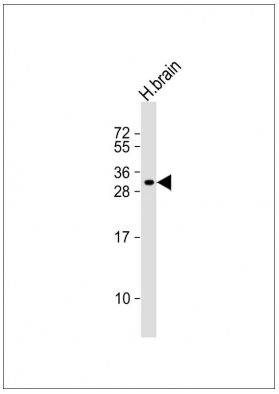
Background

Interacts with clathrin light chain A and stimulates clathrin self-assembly and clathrin-mediated endocytosis.

References

Lezcano N.,et al.Science 287:1660-1664(2000).
Lezcano N.,et al.Science 314:1681-1681(2006).
Deloukas P.,et al.Nature 429:375-381(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Koh P.O.,et al.Arch. Gen. Psychiatry 60:311-319(2003).

Images



Anti-CALY Antibody (Cterm) at 1:2000 dilution + human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.