

CALY Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21268a

Specification

CALY Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9NYX4
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	23434

CALY Antibody (N-term) - 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 60-94 amino acids from the N-terminal region of human CALY.

Dilution

WB~~1:2000

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 (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CALY Antibody (N-term) - 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

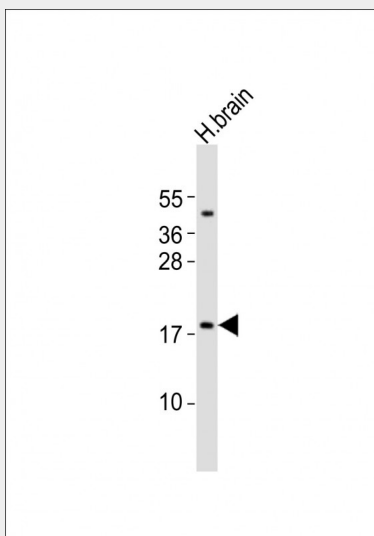
Tissue Location

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

CALY Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CALY Antibody (N-term) - Images

Anti-CALY Antibody (N-term) at 1:2000 dilution + human brain lysates 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.

CALY Antibody (N-term) - Background

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

CALY Antibody (N-term) - 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).