

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

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**CALY Antibody (N-term) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB,E                   |
| Primary Accession | <a href="#">Q9NYX4</a> |
| 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

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 (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

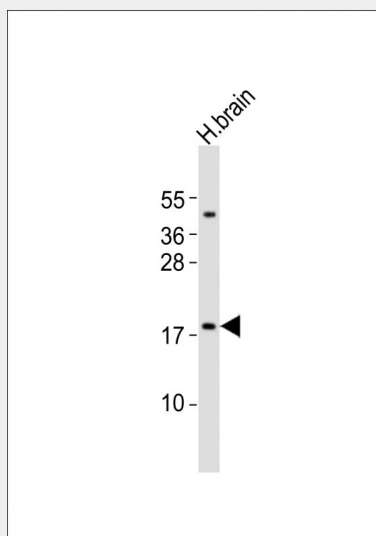
**Tissue Location**

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).