

### **Anti-CALY Antibody**

Rabbit polyclonal antibody to CALY Catalog # AP59949

## **Specification**

## **Anti-CALY Antibody - Product Information**

Application WB
Primary Accession Q9NYX4
Other Accession Q9DCA7
Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 23434

## **Anti-CALY Antibody - Additional Information**

**Gene ID 50632** 

#### **Other Names**

DRD1IP; Neuron-specific vesicular protein calcyon

## Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CALY. The exact sequence is proprietary.

### **Dilution**

WB~~WB (1/500 - 1/1000)

## **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

## **Anti-CALY Antibody - 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**

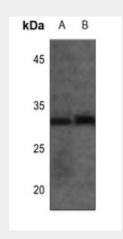
Expressed in the pyramidal cells of the prefrontal cortex, in hypothalamus and in caudate nucleus. No expression in spleen. Up-regulated in the prefrontal cortex of schizophrenic patients with nearly twice the levels of non-schizophrenics

## **Anti-CALY Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **Anti-CALY Antibody - Images**



Western blot analysis of CALY expression in mouse liver (A), rat liver (B) whole cell lysates.

## **Anti-CALY Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CALY. The exact sequence is proprietary.