

Datasheet for ABIN1427874  
**anti-CALY antibody (PE-Cy7)**



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## Overview

Quantity:	100 µL
Target:	CALY
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CALY antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Calcyon
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	CALY
Alternative Name:	Calcyon/Drd1ip ( <a href="#">CALY Products</a> )
Background:	Synonyms: CALCYON, Caly, CALY_HUMAN, D1 dopamine receptor interacting protein, Drd1ip, Neuron specic vesicular protein calcyon, Neuron-specific vesicular protein calcyon, NSG3, RP11-122K13.5.  Background: Calcyon is a single transmembrane protein that interacts with D1 dopamine

## Target Details

receptors. Dopamine is a neurotransmitter that regulates synaptic transmission involved in learning and memory. D1 receptors, the most abundant dopamine receptor in the central nervous system, appear to modulate the activity of D2 dopamine receptors, mediate various behavioural responses, and regulate neuron growth and differentiation. Calcyon is present in neuronal cell bodies and processes of the cortex and hippocampus, and it is especially abundant in pyramidal neurons. Interaction of Calcyon with D1 receptors results in a release of intracellular calcium.

Molecular Weight: 23kDa

## Application Details

Application Notes: FCM(1:100-500)  
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months