

A5969

Leader in Biomolecular Solutions for Life Science



# CNOT1 Rabbit pAb

Catalog No.: A5969 **2 Publications**

## Basic Information

### Observed MW

267kDa

### Calculated MW

267kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse

## Background

Enables armadillo repeat domain binding activity; molecular adaptor activity; and nuclear receptor binding activity. Contributes to poly(A)-specific ribonuclease activity. Involved in several processes, including negative regulation of signal transduction; positive regulation of cytoplasmic mRNA processing body assembly; and regulation of gene expression. Located in P-body and cytosol. Part of CCR4-NOT complex. Implicated in holoprosencephaly.

## Recommended Dilutions

**WB** 1:200 - 1:2000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

23019

### Swiss Prot

A5YKK6

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

NOT1; CDC39; HPE12; NOT1H; VIBOS; AD-005; CNOT1

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

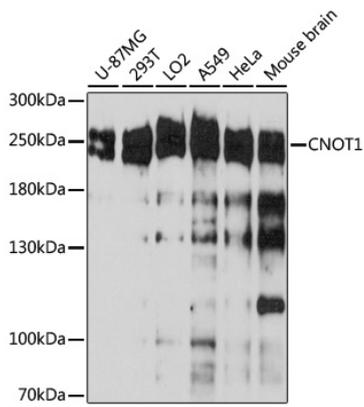
Affinity purification

### Storage

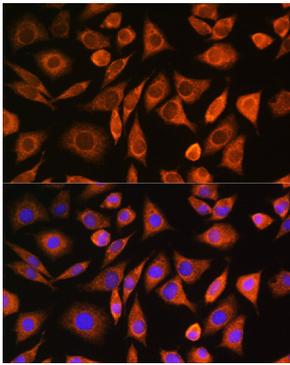
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates, using CNOT1 Rabbit pAb (A5969) at 1:3000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunofluorescence analysis of L929 cells using CNOT1 Rabbit pAb (A5969) at dilution of 1:100.  
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.