

# Calcineurin A Rabbit pAb

Catalog No.: A1063 **6 Publications**

## Basic Information

### Observed MW

57kDa

### Calculated MW

59kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse

## Background

Enables several functions, including ATPase binding activity; calmodulin binding activity; and calmodulin-dependent protein phosphatase activity. Involved in several processes, including calcineurin-NFAT signaling cascade; peptidyl-serine dephosphorylation; and response to calcium ion. Located in several cellular components, including cytosol; dendritic spine; and nucleoplasm. Part of calcineurin complex. Colocalizes with cytoplasmic side of plasma membrane. Implicated in developmental and epileptic encephalopathy 91. Biomarker of focal segmental glomerulosclerosis and schizophrenia.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
5530	Q08209

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-511 of human Calcineurin A (NP\_001124163.1).

### Synonyms

CALN; CCN1; CNA1; CALNA; DEE91; IECEE; PPP2B; ACCIID; CALNA1; IECEE1; Calcineurin A

## Contact

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

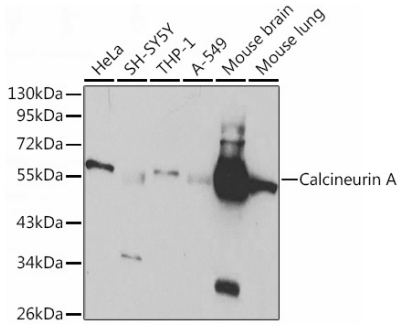
## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

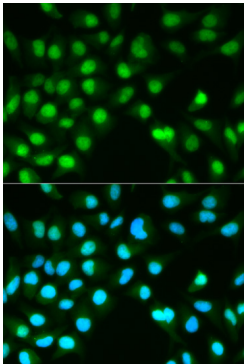
### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of extracts of various cell lines, using Calcineurin A antibody (A1063) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of HeLa cells using Calcineurin A antibody (A1063).  
Blue: DAPI for nuclear staining.