

For Research Use Only

# CRIP1 Polyclonal antibody

Catalog Number: 11211-1-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**

11211-1-AP

**Size:**

900 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1708

**GenBank Accession Number:**

BC018653

**GeneID (NCBI):**

9419

**UNIPROT ID:**

Q9P021

**Full Name:**

cysteine-rich PDZ-binding protein

**Calculated MW:**

11 kDa

**Observed MW:**

15 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF 1:20-1:200

## Applications

**Tested Applications:**

IF/ICC, IP, WB, ELISA

**Cited Applications:**

CoIP, IP, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

rat

**Positive Controls:**

WB : L02 cells,

IP : L02 cells,

IF : L02 cells,

## Background Information

The clustering and immobilization of receptors and ion channels located at specific subcellular sites are believed to be mediated by intracellular proteins that attach these membrane proteins to the cytoskeleton. Receptors and ion channels interact with cytoplasmic proteins, which involved in the modulation or downstream signaling mechanisms of the receptor/ion channel. CRIP1 is the protein that binds to the third PDZ (PDZ3) domain of PSD95, which binds to and clusters a variety of membrane proteins, including Shaker-type potassium channel subunits and NMDA receptor NR2 subunits, via its first 2 N-terminal PDZ domains

## Notable Publications

Author	Pubmed ID	Journal	Application
Anton Omelchenko	32157575	Mol Neurobiol	WB,CoIP
Lei Zhang	29218323	eNeuro	WB,IP

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

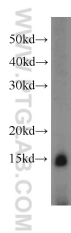
T: 4006900926

E: Proteintech-CN@ptglab.com

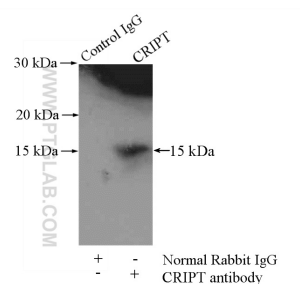
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

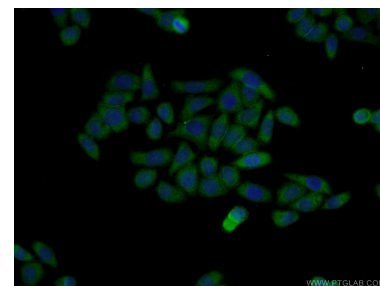
## Selected Validation Data



L02 cells were subjected to SDS PAGE followed by western blot with 11211-1-AP (CRIPT antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-CRIPT (IP:11211-1-AP, 4ug; Detection:11211-1-AP 1:500) with L02 cells lysate 1800ug.



Immunofluorescent analysis of L02 cells using 11211-1-AP (CRIPT antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).