

For Research Use Only

# TRIM2 Polyclonal antibody

Catalog Number: 20356-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

20356-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG14208

### GenBank Accession Number:

BC011052

### GeneID (NCBI):

23321

### UNIPROT ID:

Q9C040

### Full Name:

tripartite motif-containing 2

### Calculated MW:

744 aa, 82 kDa

### Observed MW:

70-85 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

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

IHC 1:20-1:200

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : mouse brain tissue, mouse small intestine tissue

IP : mouse brain tissue,

IHC : human kidney tissue,

IF/ICC : SH-SY5Y cells,

## Background Information

Tripartite motif-containing 2 (TRIM2) is an E3 ubiquitin ligase which directs proteasome-mediated degradation of target proteins by the ubiquitination of NEFL and phosphorylation of BCL2L1. This protein contains an N-terminal RING domain, followed by a B-box-2 domain, a coiled-coil region, and 6 C-terminal NHL repeats. TRIM2 involves in the apoptotic response to ischemia via directing degradation of BIM protein, thus has a role in neuroprotection.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhaoxian Lin	32536816	Cancer Cell Int	WB
Zili Zhou	35672760	J Transl Med	WB,IF
Diego Esposito	36481767	Nat Commun	IP,WB,IF

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

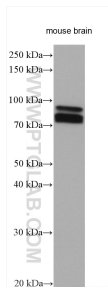
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

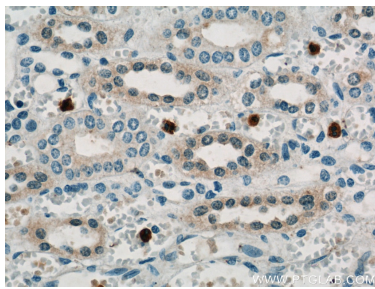
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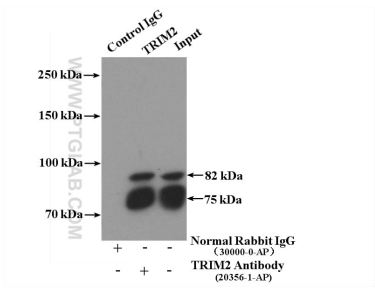
## Selected Validation Data



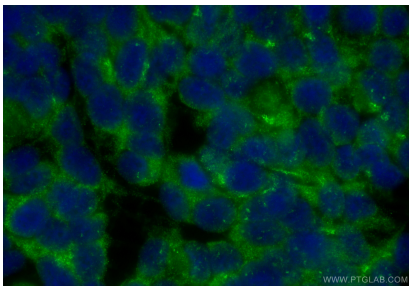
mouse brain tissue were subjected to SDS PAGE followed by western blot with 20356-1-AP (TRIM2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney slide using 20356-1-AP (TRIM2 Antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-TRIM2 (IP:20356-1-AP, 4ug; Detection:20356-1-AP 1:300) with mouse brain tissue lysate 3200ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using TRIM2 antibody (20356-1-AP) at dilution of 1:400 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).