

For Research Use Only

TRIM2 Polyclonal antibody

Catalog Number: 20356-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

20356-1-AP

Size:

300 µg/ml

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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IP, IF

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 : Hela 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 BCL2L11. 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

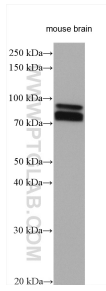
T: 4006900926

E: Proteintech-CN@ptglab.com

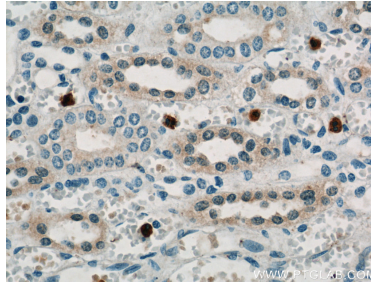
W: ptgcn.com

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

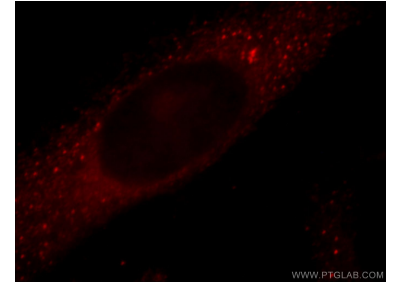
Selected Validation Data



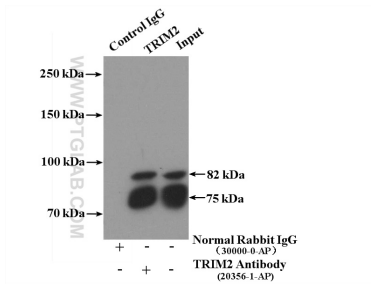
mouse brain tissue were subjected to SDS PAGE followed by western blot with 20356-1-AP (TRIM2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



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



Immunofluorescent analysis of HeLa cells, using TRIM2 antibody 20356-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



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