

For Research Use Only

TRIM2 Polyclonal antibody

Catalog Number: 20356-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:
20356-1-AP

Size:
150ul, Concentration: 300 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14208

GenBank Accession Number:
BC011052

GeneID (NCBI):
23321

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 IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:10-1:100

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
IF, IP, WB

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: 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

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

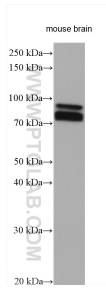
For technical support and original validation data for this product please contact:

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

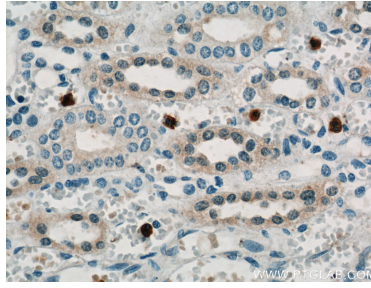
E: proteintech@ptglab.com
W: ptglab.com

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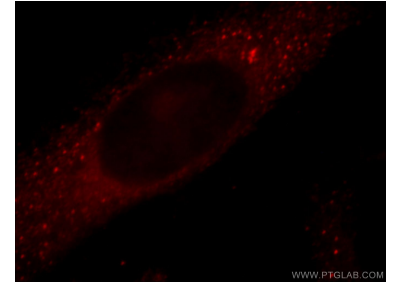
Selected Validation Data



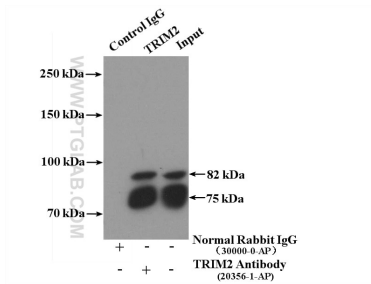
mouse brain tissue were subjected to SDS PAGE followed by western blot with 20356-1-AP (TRIM2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



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



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.