

For Research Use Only

TRIM46 Polyclonal antibody

Catalog Number: 30298-1-AP

2 Publications



Basic Information

Catalog Number:

30298-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33175

GenBank Accession Number:

BC069416

GeneID (NCBI):

80128

UNIPROT ID:

Q7Z4K8

Full Name:

tripartite motif-containing 46

Calculated MW:

759 aa, 83 kDa

Observed MW:

83 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

mouse, rat, human

Cited Species:

human, mouse

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IF/ICC : HepG2 cells,

Background Information

Tripartite motif-containing protein 46 (TRIM46), a microtubule-associated protein, is involved in the formation of parallel microtubule bundles linked by cross-bridges in the proximal axon. Required for the uniform orientation and maintenance of the parallel microtubule fascicles, which are important for efficient cargo delivery and trafficking in axons. Thereby also required for proper axon specification, the establishment of neuronal polarity, and proper neuronal migration. The TRIM46 protein reported in previous studies includes the long isoform TRIM46L (83 kDa) and the short isoform TRIM46S (60 kDa).

Notable Publications

Author	Pubmed ID	Journal	Application
Chao Zhou	39531094	J Bioenerg Biomembr	WB
Anja Konietzny	38525600	J Cell Sci	WB

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

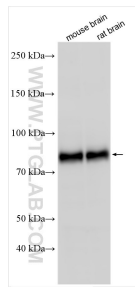
For technical support and original validation data for this product please contact:

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

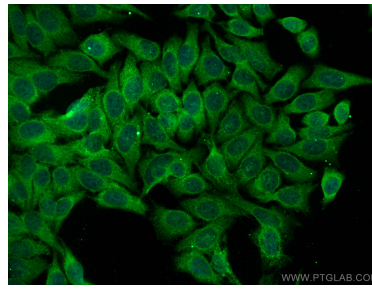
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30298-1-AP (TRIM46 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TRIM46 antibody (30298-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).