

For Research Use Only

TRIM46 Polyclonal antibody

Catalog Number: 30298-1-AP **1 Publications**



Basic Information

Catalog Number: 30298-1-AP	GenBank Accession Number: BC069416	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 80128	Recommended Dilutions: WB 1:500-1:3000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q7Z4K8	
Isotype: IgG	Full Name: tripartite motif-containing 46	
Immunogen Catalog Number: AG33175	Calculated MW: 759 aa, 83 kDa	
	Observed MW: 83 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Cited Applications: WB	IF/ICC : HepG2 cells,
Species Specificity: mouse, rat, human	
Cited Species: mouse	

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
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 pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

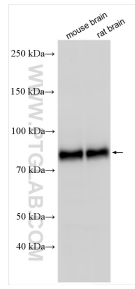
T: 4006900926

E: Proteintech-CN@ptglab.com

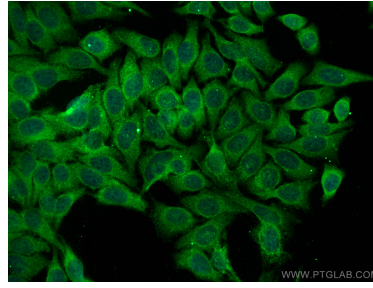
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Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L).