

For Research Use Only

TRIM46 Polyclonal antibody, PBS Only

Catalog Number: 21026-1-PBS

Featured Product



Basic Information

Catalog Number:

21026-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15290

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

Applications

Tested Applications:

WB, IF/ICC, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

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).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

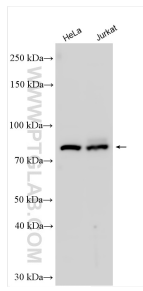
For technical support and original validation data for this product please contact:

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

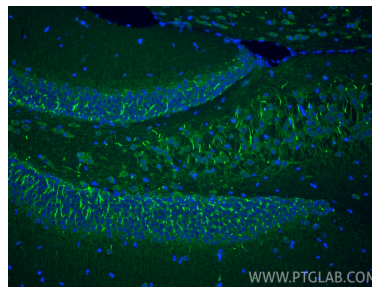
E: proteintech@ptglab.com
W: ptglab.com

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

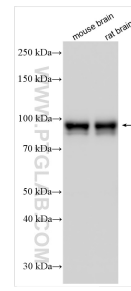
Selected Validation Data



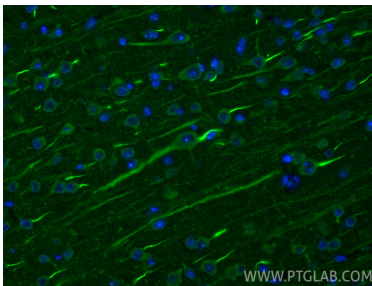
Various lysates were subjected to SDS PAGE followed by western blot with 21026-1-AP (TRIM46 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21026-1-PBS in a different storage buffer formulation.



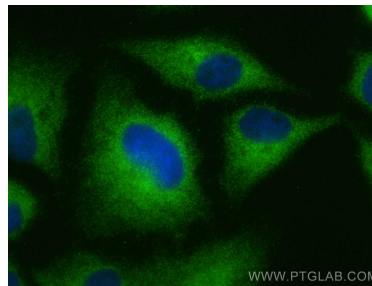
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using TRIM46 antibody (21026-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21026-1-PBS in a different storage buffer formulation.



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Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using TRIM46 antibody (21026-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 21026-1-PBS in a different storage buffer formulation.