

For Research Use Only

# TRIM46 Polyclonal antibody

Catalog Number: 30298-1-AP



## Basic Information

<b>Catalog Number:</b> 30298-1-AP	<b>GenBank Accession Number:</b> BC069416	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 80128	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IF 1:200-1:800
<b>Source:</b> Rabbit	<b>Full Name:</b> tripartite motif-containing 46	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 759 aa, 83 kDa	
<b>Immunogen Catalog Number:</b> AG33175	<b>Observed MW:</b> 83 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> mouse, rat, human	<b>WB :</b> mouse brain tissue, rat brain tissue <b>IF :</b> 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).

## 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

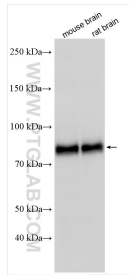
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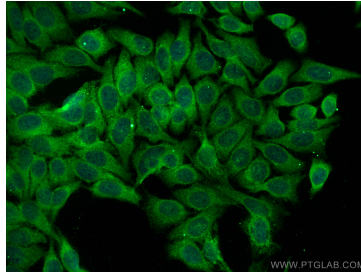
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## Selected Validation Data



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).