

For Research Use Only

CoraLite® Plus 488-conjugated TRIM46 Recombinant monoclonal antibody

Catalog Number: CL488-83614-2



Basic Information

Catalog Number:

CL488-83614-2

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:

Protein A purification

CloneNo.:

240557E1

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

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).

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

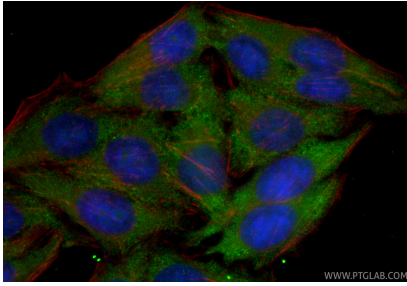
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 TRIM46 antibody (CL488-83614-2, Clone: 240557E1) at dilution of 1:200, CL594-Phalloidin (red).