

For Research Use Only

# CoraLite® Plus 488-conjugated TRBP

## Polyclonal antibody



Catalog Number: CL488-15753

Featured Product

### Basic Information

Catalog Number:

CL488-15753

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8255

GenBank Accession Number:

BC005860

GeneID (NCBI):

6895

UNIPROT ID:

Q15633

Full Name:

TAR (HIV-1) RNA binding protein 2

Calculated MW:

39 kDa

Observed MW:

43-46 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

### Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

### Background Information

TARBP2 is a component of the RISC loading complex (RLC), also known as the micro-RNA (miRNA) loading complex (miRLC). Within the complex, TARBP2 and DICER1 are required to process precursor miRNAs (pre-miRNA) to mature miRNA and then load them onto EIF2C2/AGO2. It may have a role in the production of short interfering RNAs (siRNAs) from double-stranded RNA (dsRNA) by DICER1. Otherwise, it binds to the HIV-1 TAR RNA that is located in the long terminal repeat (LTR) of HIV-1, and stimulates translation of TAR-containing RNAs. The endogenous TRBP that was present in HEK293 cells, with apparent molecular masses of 43-46 kDa, are expressed in human cells. (PMID: 16142218)

### 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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

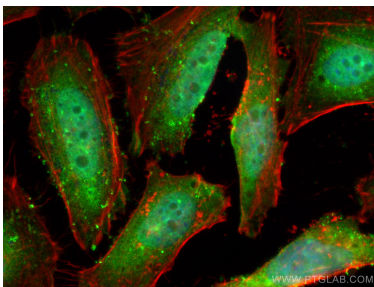
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

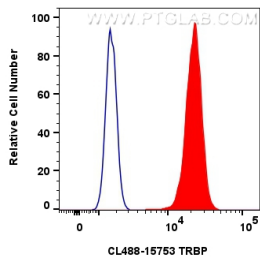
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 TRBP antibody (CL488-15753) at dilution of 1:200, CL594-Phalloidin (red).



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 TRBP Polyclonal Antibody (CL488-15753)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).