

For Research Use Only

TROVE2 Polyclonal antibody

Catalog Number: 12718-1-AP

1 Publications



Basic Information

Catalog Number:

12718-1-AP

Size:

170 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3412

GenBank Accession Number:

BC036658

GeneID (NCBI):

6738

UNIPROT ID:

P10155

Full Name:

TROVE domain family, member 2

Calculated MW:

60 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : MCF7 cells, HeLa cells, mouse thymus tissue, PC-3 cells, rat spleen tissue

IF/ICC : PC-3 cells,

Background Information

TROVE2, also named as RO60 or RoRNP, is a 538 amino acid protein, which is localized in cytoplasmic mRNP granules containing untranslated mRNAs. TROVE2 as a RNA-binding protein that binds to misfolded non-coding RNAs, pre-5S rRNA, and several small cytoplasmic RNA molecules known as Y RNAs. TROVE2 may stabilize some of these RNAs and protect them from degradation (PubMed:18056422). TROVE2 binds to endogenous Alu retroelements which are induced by type I IFN and stimulate proinflammatory cytokine secretion.

Notable Publications

Author	Pubmed ID	Journal	Application
Chuang Li	35410432	J Exp Clin Cancer Res	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:

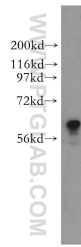
T: 4006900926

E: Proteintech-CN@ptglab.com

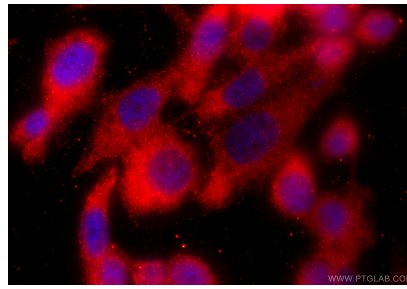
W: ptgcn.com

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Selected Validation Data



MCF7 cells were subjected to SDS PAGE followed by western blot with 12718-1-AP (TROVE2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using TROVE2 antibody (12718-1-AP) at dilution of 1:400 and CoraLite® 594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).