

For Research Use Only

TROVE2 Polyclonal antibody

Catalog Number: 12718-1-AP

1 Publications



Basic Information

Catalog Number:

12718-1-AP

Size:

150ul, Concentration: 170 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

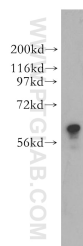
For technical support and original validation data for this product please contact:

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

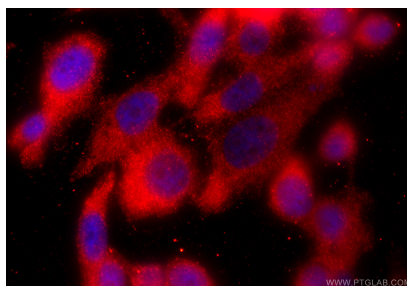
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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).