

For Research Use Only

IRF2BP1 Recombinant antibody

Catalog Number: 86048-1-RR



Basic Information

Catalog Number:

86048-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4596

GenBank Accession Number:

BC038222

GeneID (NCBI):

26145

UNIPROT ID:

Q8IU81

Full Name:

interferon regulatory factor 2 binding protein 1

Calculated MW:

584 aa, 62 kDa

Observed MW:

65-70 kDa

Purification Method:

Protein A purification

CloneNo.:

250630H5

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, mouse brain tissue, HEK-293 cells, Jurkat cells, rat brain tissue

IF/ICC : U2OS cells,

Background Information

IRF2BP1 inhibits IRF2-mediated transcriptional activation by interacting with IRF2. In epidermal growth factor receptor (EGFR) signaling, transient deSUMOylation of IRF2BP1 is essential for the proper expression of immediate early genes such as DUSP1 and ATF3. IRF2BP1 is also involved in the TGF-β signaling pathway by controlling the accumulation of cPML in the cytoplasm, which in turn affects the phosphorylation of Smad2 and the assembly of the Smad2-receptor complex.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

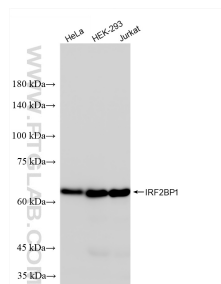
T: 4006900926

E: Proteintech-CN@ptglab.com

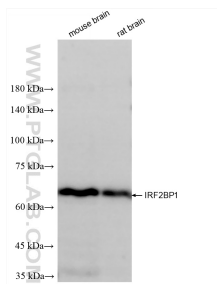
W: ptgcn.com

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

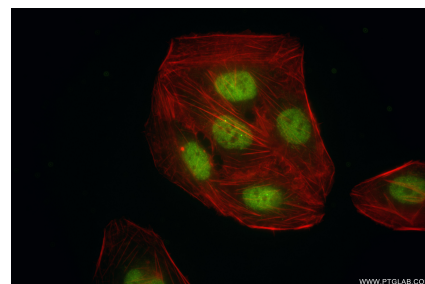
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86048-1-RR (IRF2BP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 86048-1-RR (IRF2BP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using IRF2BP1 antibody (86048-1-RR, Clone: 250630H5) at dilution of 1:800 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).