

For Research Use Only

IRF2BP1 Recombinant antibody

Catalog Number: 86048-1-RR



Basic Information

Catalog Number: 86048-1-RR	GenBank Accession Number: BC038222	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 26145	CloneNo.: 250630H5
Source: Rabbit	UNIPROT ID: Q8IU81	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:400-1:1600
Isotype: IgG	Full Name: interferon regulatory factor 2 binding protein 1	
Immunogen Catalog Number: AG4596	Calculated MW: 584 aa, 62 kDa Observed MW: 65-70 kDa	

Applications

Tested Applications:
WB, IF/ICC, ELISA
Species Specificity:
human, mouse, rat

Positive Controls:
WB : HeLa cells, mouse brain tissue, HEK-293 cells, Jurkar 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

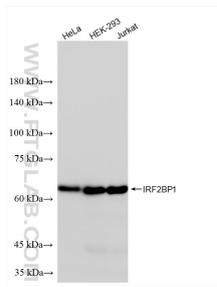
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

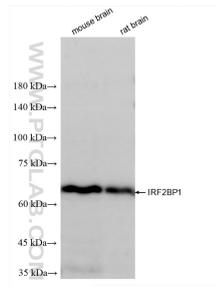
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

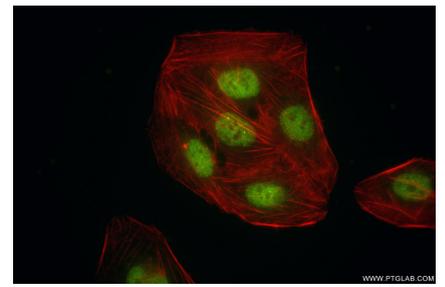
Selected Validation Data



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).