

For Research Use Only

# IRF2BP1 Recombinant antibody

Catalog Number: 86048-1-RR



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HeLa cells, mouse brain tissue, HEK-293 cells, Jurkar cells, rat brain tissue <b>IF/ICC :</b> 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- $\beta$  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

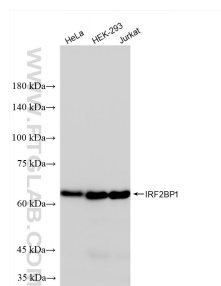
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

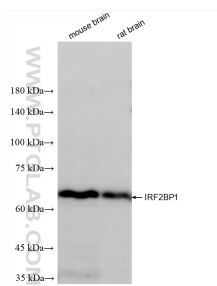
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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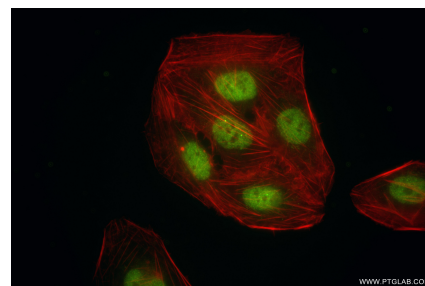
## Selected Validation Data



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.



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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).