

For Research Use Only

# IRF2BP1 Recombinant antibody, PBS Only

Catalog Number: 86048-1-PBS



## Basic Information

**Catalog Number:**

86048-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, IF/ICC, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## 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 -80°C.

**Storage Buffer:**

PBS only, pH7.3

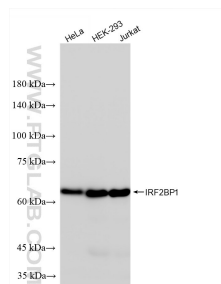
For technical support and original validation data for this product please contact:

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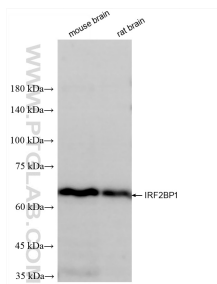
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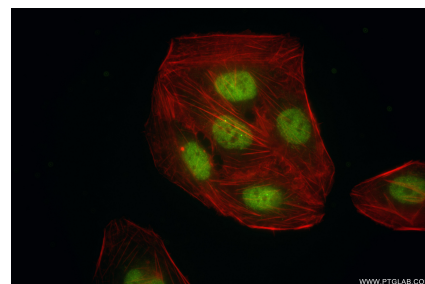
## Selected Validation Data



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. This data was developed using the same antibody clone with 86048-1-PBS in a different storage buffer formulation.



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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). This data was developed using the same antibody clone with 86048-1-PBS in a different storage buffer formulation.