

For Research Use Only

# FUBP1 Polyclonal antibody

Catalog Number: 24864-1-AP **6 Publications**



## Basic Information

<b>Catalog Number:</b> 24864-1-AP	<b>GenBank Accession Number:</b> BC017247	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 850 µg/ml	<b>GeneID (NCBI):</b> 8880	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96AE4	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
<b>Isotype:</b> IgG	<b>Full Name:</b> far upstream element (FUSE) binding protein 1	IF 1:10-1:100
<b>Immunogen Catalog Number:</b> AG13149	<b>Calculated MW:</b> 653 aa, 69 kDa	
	<b>Observed MW:</b> 69 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IP, WB, ELISA	<b>Positive Controls:</b> WB : SH-SY5Y cells, Jurkat cells, K-562 cells, mouse brain tissue
<b>Cited Applications:</b> WB, ChIP	IP : SH-SY5Y cells,
<b>Species Specificity:</b> human, mouse	IF : HeLa cells,
<b>Cited Species:</b> human	

## Background Information

FUBP1 also termed as FBP and FUSE-binding protein 1 is 644 amino-acid protein, which localizes in the nucleus. FUBP1 binds to a single-stranded far-upstream element (FUSE) upstream of the MYC promoter and regulates the MYC expression, indicating that FBP1 functions as a growth-dependent regulator of c-Myc expression. FUBP1 binds to FUSE, and PUF60, and forms a stable tripartite complex, which represses activated but not basal c-myc transcription after transcription initiation by delaying promoter escape. FUBP1 may be acting both as activator and repressor of transcription.

## Notable Publications

Author	Pubmed ID	Journal	Application
Qian Long	33061812	Int J Biol Sci	WB
Parisa Prathaphan	35790268	Anticancer Res	WB
Olga Gourdomichali	35205152	Biology (Basel)	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

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

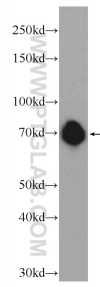
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

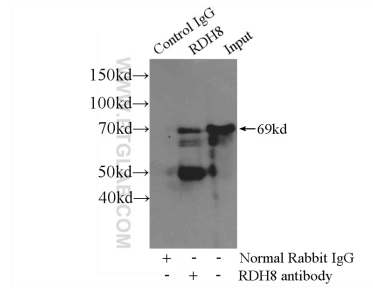
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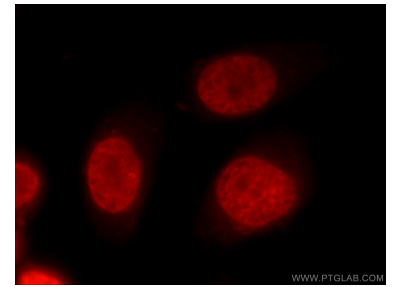
## Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 24864-1-AP (FUBP1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-FUBP1 (IP:24864-1-AP, 4ug; Detection:24864-1-AP 1:300) with SH-SY5Y cells lysate 800ug.



Immunofluorescent analysis of HeLa cells using 24864-1-AP (FUBP1 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.