

For Research Use Only

FUBP1 Polyclonal antibody

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



Basic Information

Catalog Number: 24864-1-AP	GenBank Accession Number: BC017247	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8880	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:200-1:1000
Source: Rabbit	Full Name: far upstream element (FUSE) binding protein 1	for WB IF 1:10-1:100
Isotype: IgG	Calculated MW: 653 aa, 69 kDa	
Immunogen Catalog Number: AG13149	Observed MW: 69 kDa	

Applications

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

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

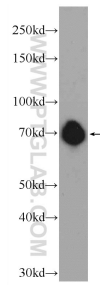
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

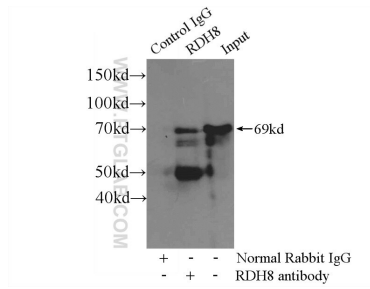
For technical support and original validation data for this product please contact:
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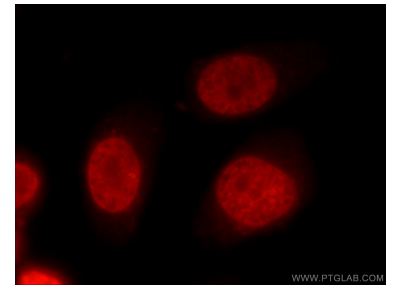
Selected Validation Data



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.