

For Research Use Only

FUBP1 Polyclonal antibody

Catalog Number: 24864-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

24864-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13149

GenBank Accession Number:

BC017247

GeneID (NCBI):

8880

UNIPROT ID:

Q96AE4

Full Name:

far upstream element (FUSE) binding protein 1

Calculated MW:

653 aa, 69 kDa

Observed MW:

69 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, ChIP

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : SH-SY5Y cells, Jurkat cells, K-562 cells, mouse brain tissue

IP : SH-SY5Y cells,

IF/ICC : 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

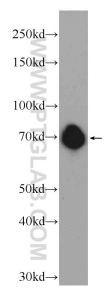
For technical support and original validation data for this product please contact:

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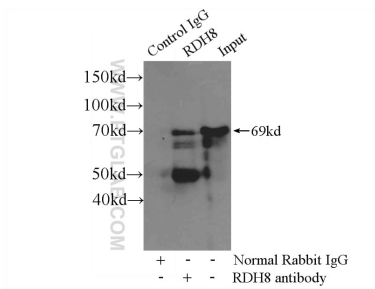
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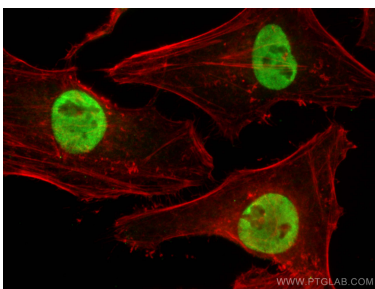
Selected Validation Data



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 (4% PFA) fixed HeLa cells using FUBP1 antibody (24864-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).