

For Research Use Only

FUBP1 Polyclonal antibody, PBS Only

Catalog Number: 24864-1-PBS

Featured Product



Basic Information

Catalog Number:

24864-1-PBS

Size:

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

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

Applications

Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

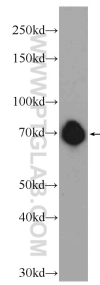
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

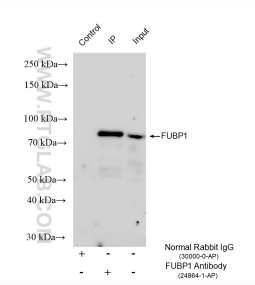
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

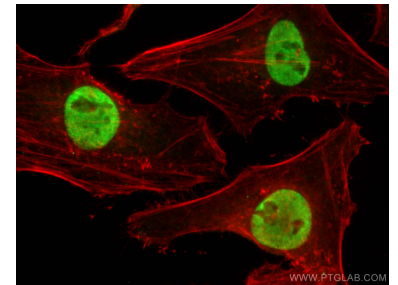
Selected Validation Data



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. This data was developed using the same antibody clone with 24864-1-PBS in a different storage buffer formulation.



IP result of anti-FUBP1 (IP:24864-1-AP, 4ug; Detection:24864-1-AP 1:3000) with SH-SY5Y cells lysate 1480 ug. This data was developed using the same antibody clone with 24864-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 24864-1-PBS in a different storage buffer formulation.