10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FUBP3 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1916b

Product Information

Application	WB, E
Primary Accession	Q96I24
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB8364
Calculated MW	61640
Antigen Region	38-67

Additional Information

Gene ID	8939
Other Names	Far upstream element-binding protein 3, FUSE-binding protein 3, FUBP3, FBP3
Target/Specificity	This FUBP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 38-67 amino acids from the N-terminal region of human FUBP3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FUBP3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FUBP3
Synonyms	FBP3
Function	May interact with single-stranded DNA from the far-upstream element (FUSE). May activate gene expression.

Cellular Location	Nucleus.
Tissue Location	Detected in a number of cell lines.

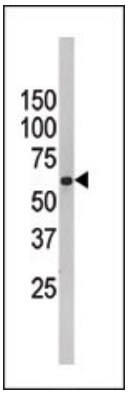
Background

The far upstream element-binding proteins FUBP, FUBP2, and FUBP3 comprise a family of single-strand DNA-binding proteins that possess all of the general features of more conventional transcription factors. The FUBPs each bind to a single sequence-specific strand of the far upstream element (FUSE; originally identified upstream of c-myc), and each possesses potent activation domains when fused to the GAL4 DNA-binding domain and assayed by transient transfection. These proteins have also been reported to bind RNA and participate in various steps of RNA processing, transport or catabolism.

References

He L, et al. Nucleic Acids Res. 2000 Nov 15;28(22):4558-65.
Davis-Smyth T, et al. J Biol Chem. 1996 Dec 6;271(49):31679-87.

Images



Western blot analysis of anti-FUBP3 Pab (AP1916b) in HepG2 cell line lysate (35ug/lane). FUBP3(arrow) was detected using the purified Pab.