



Rabbit Anti-FUBP3 antibody

SL13225R

Product Name:	FUBP3
Chinese Name:	远端上游元件Binding protein3抗体
Alias:	Far upstream element (FUSE) binding protein 3; Far upstream element binding protein 3; Far upstream element-binding protein 3; FBP3; FLJ25229; FUBP 3; FUBP3; FUBP3_HUMAN; FUSE binding protein 3; FUSE-binding protein 3; OTTHUMP00000022369.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	62kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FUBP3:21-120/572
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Activation of FUSE, the far-upstream element, is required for the proper ex-pression of the mammalian gene c-Myc in undifferentiated cells. The binding of FBP (FUSE-binding protein or Far upstream element binding protein) to FUSE is necessary for c-Myc expression, indicating that FBP functions as a growth-dependent regulator of c-

Myc expression. Isolated from proliferating HL60 cells, FBP, FBP2, and FBP3 comprise a family of single-stranded DNA-binding proteins that specifically bind to FUSE elements. The FBP transcription factors share a conserved central DNA-binding domain and show significant homology in their carboxyl-terminal activation domains. Expression of FBP is detected in undifferentiated cells and is substantially decreased following cellular differentiation.

Function:

May interact with single-stranded DNA from the far-upstream element (FUSE). May activate gene expression.

Subcellular Location:

Nucleus.

Tissue Specificity:

Detected in a number of cell lines.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Contains 4 KH domains.

SWISS:

Q96I24

Gene ID:

8939

Database links:

[Entrez Gene: 8939](#)Human

[Entrez Gene: 320267](#)Mouse

[Entrez Gene: 362106](#)Rat

[Omin: 603536](#)Human

[SwissProt: Q96I24](#)Human

[Unigene: 673029](#)Human

[Unigene: 98751](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
--	---

www.sunlongbiotech.com