

Mouse anti-Human FUBP1 Monoclonal Antibody | anti-FUBP1 antibody

FUBP1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48194	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

FUBP1; Monoclonal Antibody; FUBP1 antibody; Far upstream element (FuSE) binding protein 1; FBP; FuBP; anti-FUBP1 antibody

PRODUCT SPECIFICATIONS

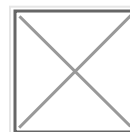
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT14F5
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	644
Applicable Applications for anti-FUBP1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human FUBP1 (279-448aa) purified from E Coli
Clone Note	Anti-human FUBP1 mAb, clone AT14F5, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human FUBP1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of FUBP1 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human FUBP1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human FUBP1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: HepG2 cell lysate Lane 3.: Jurkat cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-FUBP1 antibody	FUBP1 is a transcriptional regulator and fulfills an important function in the precise control of c-myc transcription. The c-Myc protein is a transcription factor which regulates the transcription of many different target genes that play a role in proliferation, cell cycle progression, differentiation, apoptosis and cell metabolism. Consequently, FUBP1 is also involved in the regulation of proliferation and differentiation, as confirmed by different experimental approaches. Knockdown of FUBP1 or expression of a dominant-negative FUBP1 (DNA-binding domain lacking effector activity) led to proliferation arrest in U2OS and Saos-2 osteosarcoma cells due to reduced c-myc expression.
Product Categories/Family for anti-FUBP1 antibody	Epigenomics (Transcription & Translation)
References	Duncan R., et al. (1994) Genes Dev. 8 (4): 465-480.; Liu J., et al. (2006) EMBO J. 25 (10): 2119-2130.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17402900
NCBI GeneID	8880
NCBI Accession #	NP_003893
NCBI GenBank Nucleotide #	NM_003902.4
UniProt Accession #	Q96AE4; Q12828
Molecular Weight	68,605 Da
NCBI Official Full Name	far upstream element-binding protein 1 isoform 2
NCBI Official Synonym Full Names	far upstream element binding protein 1
NCBI Official Symbol	FUBP1
NCBI Official Synonym Symbols	FBP; FUBP; hDH V
NCBI Protein Information	far upstream element-binding protein 1
UniProt Protein Name	Far upstream element-binding protein 1
UniProt Gene Name	FUBP1
UniProt Synonym Gene Names	FBP; FUSE-binding protein 1; hDH V

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fubp1-antibody-clone-at14f5-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48194>