

Product datasheet for **AM50629PU-S**

FUBP1 Mouse Monoclonal Antibody [Clone ID: AT14F5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT14F5
Applications:	ELISA, IF, WB
Recommended Dilution:	The antibody has been tested by ELISA, Western blot and ICC/IF analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant human FUBP1 (279-448aa) purified from E.coli.
Formulation:	Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol. State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	far upstream element binding protein 1
Database Link:	Entrez Gene 8880 Human Q96AE4



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Background:

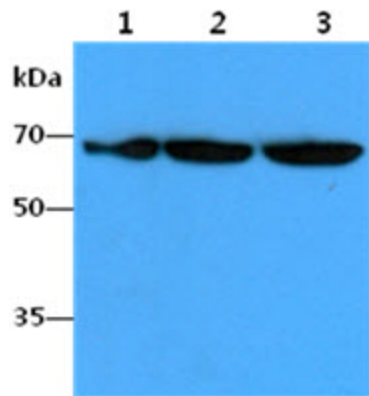
FUBP1 is a transcriptional regulator and fulfills an important function in the precise control of c-myc transcription. The c-Myc protein is a transcription factor which regulates the transcription of many different target genes that play a role in proliferation, cell cycle progression, differentiation, 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 (D-binding domain lacking effector activity) led to proliferation arrest in U2OS and Saos-2 osteosarcoma cells due to reduced c-myc expression.

Synonyms:

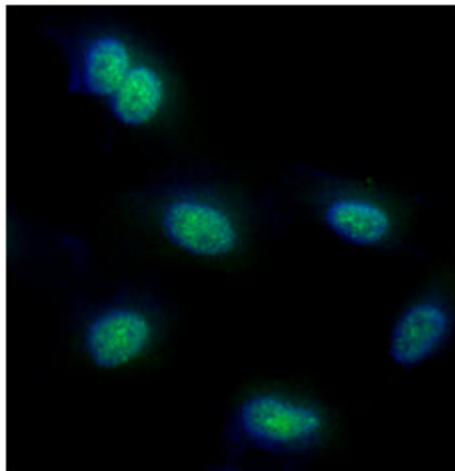
FUSE-binding protein 1, FBP, DNA helicase V, HDH V

Protein Families:

Stem cell - Pluripotency, Transcription Factors

Product images:

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



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).