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FUBP1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full-length recombinant FUBP1.
Catalog # AT2118a

Product Information

Application	WB, E
Primary Accession	Q96AE4
Other Accession	BC017247
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1E11
Calculated MW	67560

Additional Information

Gene ID	8880
Other Names	Far upstream element-binding protein 1, FBP, FUSE-binding protein 1, DNA helicase V, hDH V, FUBP1
Target/Specificity	FUBP1 (AAH17247.1, 1 a.a. ~ 653 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	FUBP1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

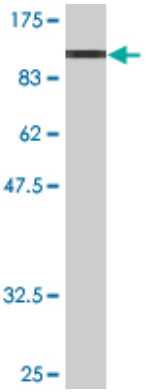
This gene encodes a ssDNA binding protein that activates the far upstream element (FUSE) of c-myc and stimulates expression of c-myc in undifferentiated cells. Regulation of FUSE by FUBP occurs through single-strand binding of FUBP to the non-coding strand. This protein has been shown to function as an ATP-dependent DNA helicase.

References

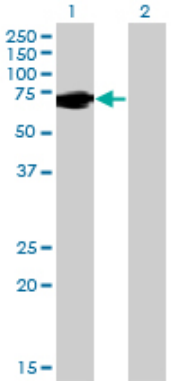
Quantitative characterization of the interactions among c-myc transcriptional regulators FUSE, FBP, and FIR. Hsiao HH, et al. Biochemistry, 2010 Jun 8. PMID 20420426.Overexpression of the far upstream element

binding protein 1 in hepatocellular carcinoma is required for tumor growth. Rabenhorst U, et al. Hepatology, 2009 Oct. PMID 19637194.Overexpression of far upstream element binding proteins: a mechanism regulating proliferation and migration in liver cancer cells. Malz M, et al. Hepatology, 2009 Oct. PMID 19585652.Far upstream element-binding protein-1, a novel caspase substrate, acts as a cross-talker between apoptosis and the c-myc oncogene. Jang M, et al. Oncogene, 2009 Mar 26. PMID 19219071.Prefrontal cortex shotgun proteome analysis reveals altered calcium homeostasis and immune system imbalance in schizophrenia. Martins-de-Souza D, et al. Eur Arch Psychiatry Clin Neurosci, 2009 Apr. PMID 19165527.

Images

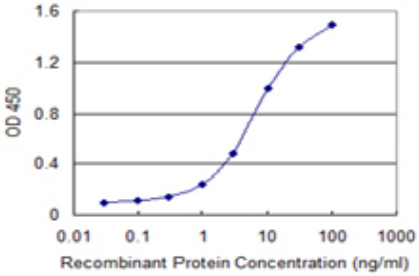


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (97.35 KDa) .



Western Blot analysis of FUBP1 expression in transfected 293T cell line by FUBP1 monoclonal antibody (M03), clone 1E10.

Lane 1: FUBP1 transfected lysate(68.6 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged FUBP1 is 0.1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.