

FUBP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant FUBP1.

Catalog # AT2117a

Specification

FUBP1 Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, IHC, E
Primary Accession	Q96AE4
Other Accession	NM_003902
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	67560

FUBP1 Antibody (monoclonal) (M01) - 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 (NP_003893, 27 a.a. ~ 136 a.a)
partial recombinant protein with GST tag.
MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate
buffered saline, pH 7.2 .

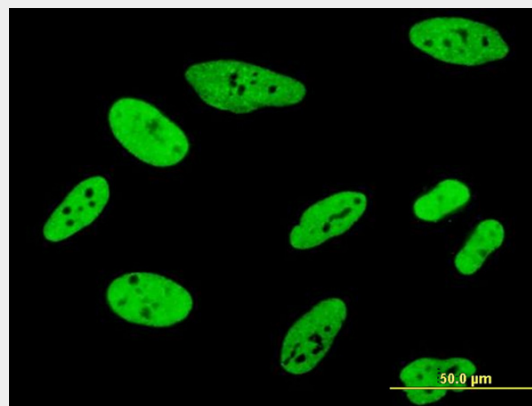
Storage

Store at -20°C or lower. Aliquot to avoid
repeated freezing and thawing.

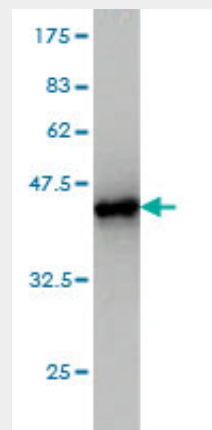
Precautions

FUBP1 Antibody (monoclonal) (M01) is for
research use only and not for use in
diagnostic or therapeutic procedures.

FUBP1 Antibody (monoclonal) (M01) - Protocols



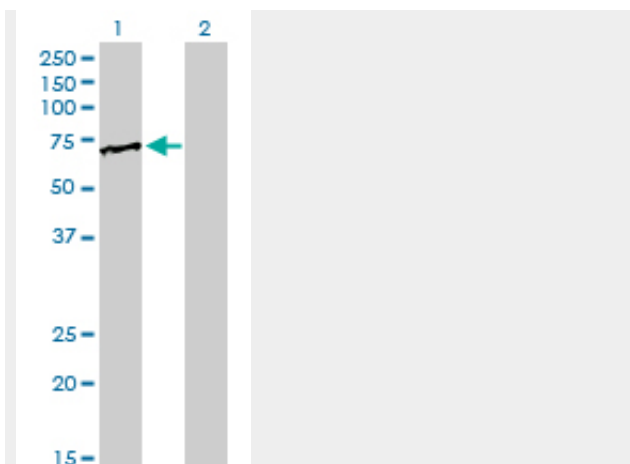
Immunofluorescence of monoclonal antibody
to FUBP1 on HeLa cell . [antibody
concentration 10 ug/ml]



Antibody Reactive Against Recombinant
Protein.Western Blot detection against
Immunogen (37.84 KDa) .

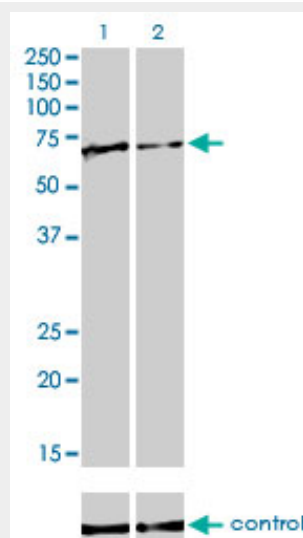
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

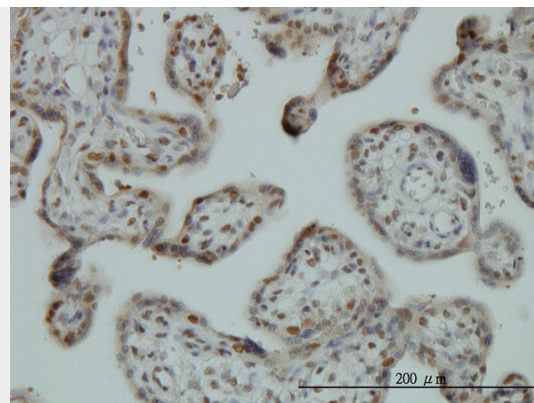


Western Blot analysis of FUBP1 expression in transfected 293T cell line by FUBP1 monoclonal antibody (M01), clone 3H4.

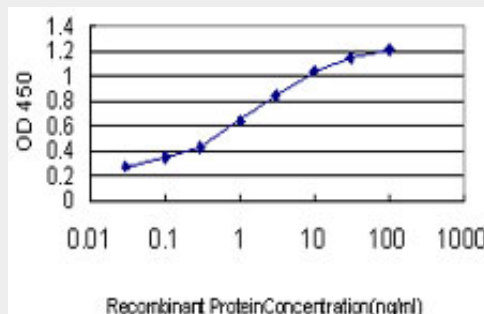
Lane 1: FUBP1 transfected lysate(68.6 KDa).
Lane 2: Non-transfected lysate.



Western blot analysis of FUBP1 over-expressed 293 cell line, cotransfected with FUBP1 Validated Chimera RNAi (Cat # AT2117a)



Immunoperoxidase of monoclonal antibody to FUBP1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged FUBP1 is approximately 0.03ng/ml as a capture antibody.

FUBP1 Antibody (monoclonal) (M01) - 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.

FUBP1 Antibody (monoclonal) (M01) - 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.