Datasheet for ABIN6140802

anti-FUBP1 antibody (AA 302-644)

6 Images

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Overview

Quantity:	100 µL
Target:	FUBP1
Binding Specificity:	AA 302-644
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 302-644 of human FUBP1 (NP_003893.2).
Sequence:	QNDAGVRIQF KPDDGTTPER IAQITGPPDR CQHAAEIITD LLRSVQAGNP GGPGPGGRGR GRGQGNWNMG PPGGLQEFNF IVPTGKTGLI IGKGGETIKS ISQQSGARIE LQRNPPPNAD PNMKLFTIRG TPQQIDYARQ LIEEKIGGPV NPLGPPVPHG PHGVPGPHGP PGPPGPGTPM GPYNPAPYNP GPPGPAPHGP PAPYAPQGWG NAYPHWQQQA PPDPAKAGTD PNSAAWAAYY AHYYQQQAQP PPAAPAGAPT TTQTNGQGDQ QNPAPAGQVD YTKAWEEYYK KMGQAVPAPT GAPPGGQPDY SAAWAEYYRQ QAAYYAQTSP QGMPQHPPAP QGQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat

Product Details

Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	FUBP1
Alternative Name:	FUBP1 (FUBP1 Products)
Background:	The protein encoded by this gene is a single stranded DNA-binding protein that binds to multiple DNA elements, including the far upstream element (FUSE) located upstream of c-myc. Binding to FUSE occurs on the non-coding strand, and is important to the regulation of c-myc in undifferentiated cells. This protein contains three domains, an amphipathic helix N-terminal domain, a DNA-binding central domain, and a C-terminal transactivation domain that contains three tyrosine-rich motifs. The N-terminal domain is thought to repress the activity of the C-terminal domain. This protein is also thought to bind RNA, and contains 3'-5' helicase activity with in vitro activity on both DNA-DNA and RNA-RNA duplexes. Aberrant expression of this gene has been found in malignant tissues, and this gene is important to neural system and lung development. Binding of this protein to viral RNA is thought to play a role in several viral diseases, including hepatitis C and hand, foot and mouth disease. Alternative splicing results in multiple transcript variants.,FUBP1,FBP,FUBP,hDH V,hDHV,Epigenetics & Nuclear Signaling,Transcription Factors,RNA Binding,FUBP1
Molecular Weight:	67 kDa/68 kDa
Gene ID:	8880
UniProt:	Q96AE4

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:100,IP,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

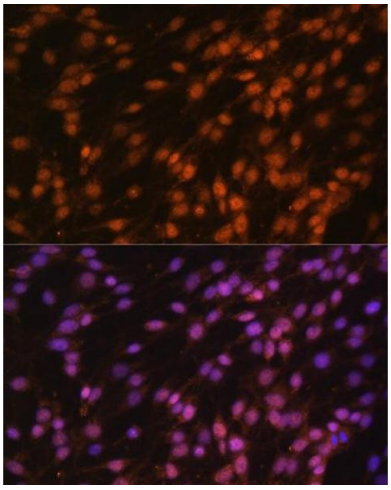
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Handling

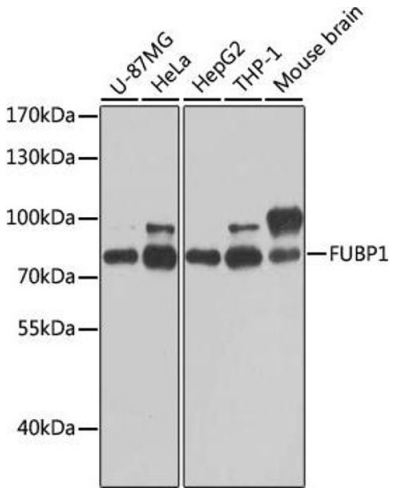
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



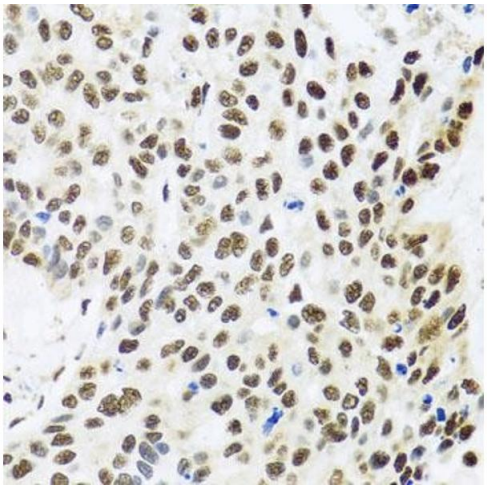
Immunofluorescence

Image 1. Immunofluorescence analysis of C6 cells using FUBP1 antibody (ABIN6130392, ABIN6140802, ABIN6140804 and ABIN6221231) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using FUBP1 antibody (ABIN6130392, ABIN6140802, ABIN6140804 and ABIN6221231) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 90s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human lung cancer using FUBP1 antibody (ABIN6130392, ABIN6140802, ABIN6140804 and ABIN6221231) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 6 images are available for ABIN6140802.