

Product Name: FUBP1 Rabbit Monoclonal Antibody

Catalog #: AMRe86879

For research use only.

Summary

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|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,IP |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 0.15mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:500-1:2000,ICC/IF 1:500-1:1000,IP 1:50-1:200 |
| Molecular Weight | Calculated MW:68 kDa; Observed MW:74 kDa |

Antigen Information

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|--------------------------|------------------------------------|
| Gene Name | FUBP1 |
| Alternative Names | FBP; FUBP; hDH V |
| Gene ID | 8880 |
| SwissProt ID | Q96AE4 |
| Immunogen | A synthetic peptide of human FUBP1 |

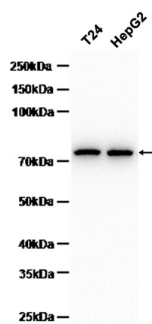
Background

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. [provided by RefSeq, Dec 2014]

Research Area

Image Data



Western blot analysis of extracts from T24, HepG2 cells using FUBP1 Rabbit Monoclonal Antibody at 1:1000.