

# FUBP1 Rabbit Polyclonal Antibody



CAB5587

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

79kDa

### Calculated MW:

67kDa/68kDa

### Applications:

WB IHC IF IP

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:100 IP  
1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

8880

### Uniprot

Q96AE4

### Synonyms:

FUBP1; FBP; FUBP; hDH V; hDHV

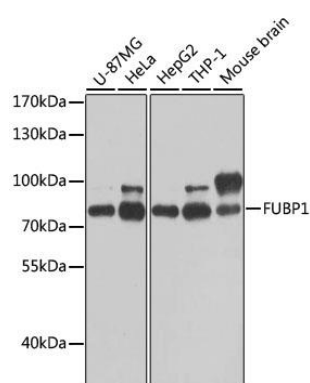
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 302-644 of human FUBP1 (NP\_003893.2).

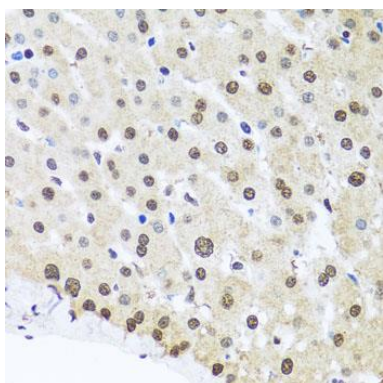
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

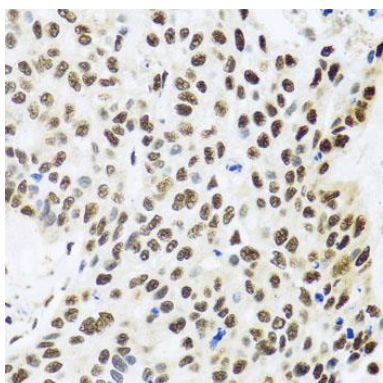
## Product Images



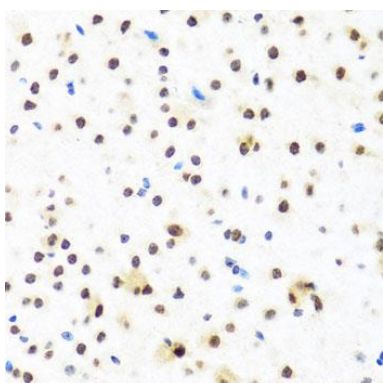
Western blot analysis of extracts of various cell lines, using FUBP1 antibody (CAB5587) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human liver tissue showing FUBP1 expression. The image shows brown staining (FUBP1) and blue counterstain (nuclei) in liver cells. Magnification: 40x lens.



Immunohistochemistry of paraffin-embedded human lung cancer tissue showing FUBP1 expression. The image shows brown staining (FUBP1) and blue counterstain (nuclei) in lung cancer cells. Magnification: 40x lens.



Immunohistochemistry of paraffin-embedded mouse brain tissue showing FUBP1 expression. The image shows brown staining (FUBP1) and blue counterstain (nuclei) in mouse brain cells. Magnification: 40x lens.