

# UPF2 Rabbit pAb

Catalog No.: A7091

## Basic Information

### Observed MW

180kDa

### Calculated MW

66kDa/147kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein is located in the perinuclear area. It interacts with translation release factors and the proteins that are functional homologs of yeast Upf1p and Upf3p. Two splice variants have been found for this gene; both variants encode the same protein.

## Recommended Dilutions

**WB** 1:500 - 1:2000

## Immunogen Information

### Gene ID

26019

### Swiss Prot

Q9HAU5

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1153-1272 of human UPF2 (NP\_542166.1).

### Synonyms

UPF2;HUPF2;RENT2;smg-3

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

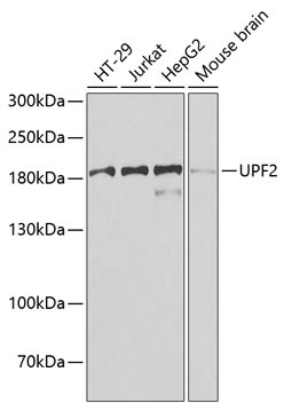
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using UPF2 antibody (A7091) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.