



## Rabbit Anti-hUPF2/RENT2 antibody

SL18106R

<b>Product Name:</b>	hUPF2/RENT2
<b>Chinese Name:</b>	hUPF2蛋白抗体
<b>Alias:</b>	DKFZp434D222; hUpf2; KIAA1408; MGC138834; MGC138835; Nonsense mRNA reducing factor 2; Regulator of nonsense transcripts 2; RENT2; RENT2_HUMAN; Smg 3; Smg 3 homolog nonsense mediated mRNA decay factor; Up-frameshift suppressor 2 homolog; UPF2; UPF2 regulator of nonsense transcripts homolog; UROC1; Urocanate hydratase; Yeast Upf2p homolog.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Rabbit,Sheep,Ferret, Gorilla, Opossum, Platypus
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	148kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human hUPF2/RENT2:951-1050/1272
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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. [provided by RefSeq, Jul 2008]

**Function:**

Part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons. Binds spliced mRNA.

**Subcellular Location:**

Cytoplasm > perinuclear region.

**Tissue Specificity:**

Ubiquitous.

**Similarity:**

Contains 3 MIF4G domains.

**SWISS:**

Q9HAU5

**Gene ID:**

26019

**Database links:**

[Entrez Gene: 450304](#) Chimpanzee

[Entrez Gene: 781181](#) Cow

[Entrez Gene: 487130](#) Dog

[Entrez Gene: 100069342](#) Horse

[Entrez Gene: 26019](#) Human

[Entrez Gene: 326622](#) Mouse

[Omim: 605529](#) Human

[SwissProt: Q9HAU5](#) Human

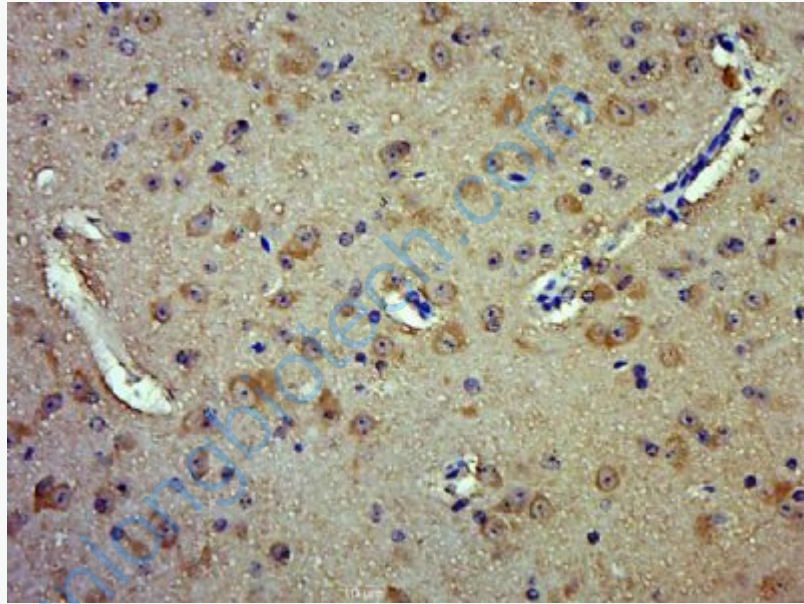
[Unigene: 370689](#) Human

[Unigene: 610110](#) Human

[Unigene: 31102](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (hUPF2) Polyclonal Antibody, Unconjugated (SL18106R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.