

**hUPF2/RENT2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56951****Specification**

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**hUPF2/RENT2 Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">O9HAU5</a>
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	147810

**hUPF2/RENT2 Polyclonal Antibody - Additional Information****Gene ID** 26019**Other Names**

Regulator of nonsense transcripts 2, Nonsense mRNA reducing factor 2, Up-frameshift suppressor 2 homolog, hUpf2, UPF2, KIAA1408, RENT2

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

**hUPF2/RENT2 Polyclonal Antibody - Protein Information****Name** UPF2 ([HGNC:17854](#))**Function**

Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons by associating with the nuclear exon junction complex (EJC). Recruited by UPF3B associated with the EJC core at the cytoplasmic side of the nuclear envelope and the subsequent formation of an UPF1-UPF2-UPF3 surveillance complex (including UPF1 bound to release factors at the stalled ribosome) is believed to activate NMD. In cooperation with UPF3B stimulates both ATPase and RNA helicase activities of UPF1. Binds spliced mRNA.

**Cellular Location**

Cytoplasm, perinuclear region. Cytoplasm {ECO:0000250|UniProtKB:A2AT37}

**Tissue Location**

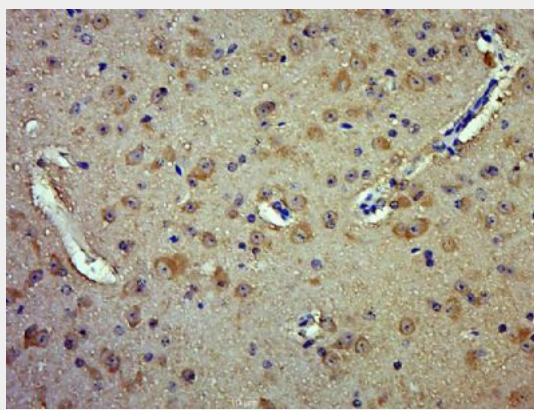
Ubiquitous..

## hUPF2/RENT2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## hUPF2/RENT2 Polyclonal Antibody - Images



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 (bs-18106R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.