

**RENT2 / UPF2 Antibody (C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2486a****Specification**

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**RENT2 / UPF2 Antibody (C-Term) - Product Information**

Application	E
Primary Accession	<a href="#">O9HAU5</a>
Other Accession	<a href="#">NP_542166.1</a> , <a href="#">NP_056357.1</a> , <a href="#">26019</a>
Predicted	Human, Mouse, Rat, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	147810

**RENT2 / UPF2 Antibody (C-Term) - 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**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

RENT2 / UPF2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**RENT2 / UPF2 Antibody (C-Term) - 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..

**RENT2 / UPF2 Antibody (C-Term) - 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](#)

**RENT2 / UPF2 Antibody (C-Term) - Images****RENT2 / UPF2 Antibody (C-Term) - Background**

This antibody is expected to recognise both reported isoforms (NP\_542166.1; NP\_056357.1).

**RENT2 / UPF2 Antibody (C-Term) - References**

CBP80 promotes interaction of Upf1 with Upf2 during nonsense-mediated mRNA decay in mammalian cells. Hosoda N, Kim YK, Lejeune F, Maquat LE. Nat Struct Mol Biol. 2005 Oct;12(10):893-901. Epub 2005 Sep 25. PMID: 16186820