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RENT2 / UPF2 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2486a

Specification

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

Application	**E**
Primary Accession	Q9HAU5
Other Accession	NP_542166.1, NP_056357.1, 26019
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 Cytomety
- 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