

## Goat anti-RENT2 / UPF2 Antibody

Item Number	dAP-0775
Target Molecule	Principle Name: RENT2 / UPF2; Official Symbol: UPF2; All Names and Symbols: UPF2; UPF2 regulator of nonsense transcripts homolog (yeast); HGNC:17854; DKFZP434D222; HUPF2; KIAA1408; RENT2 ; OTTHUMP00000045025; UPF2 regulator of nonsense transcripts homolog; regulator of nonsense transcripts 2; yeast Upf2p homolog; MGC138834; MGC13; Accession Number (s): NP_542166.1; NP_056357.1; Human Gene ID(s): 26019; Non-Human GeneID(s):
Immunogen	PRYQHPKGAPNAD, is from C Terminus This antibody is expected to recognise both reported isoforms (NP_542166.1; NP_056357.1).
Applications	Pep ELISA  Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	Western Blot: Preliminary experiments in Human HeLa lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibody
IHC	
Reference	Reference(s): Hosoda N, Kim YK, Lejeune F, Maquat LE. CBP80 promotes interaction of Upf1 with Upf2 during nonsense-mediated mRNA decay in mammalian cells. <i>Nat Struct Mol Biol</i> . 2005 Oct;12(10):893-901. Epub 2005 Sep 25. PMID: 16186820 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**