

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09661 - Goat Anti-UPF3A / RENT3A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** UPF3A, UPF3 regulator of nonsense transcripts homolog A (yeast), HUPF3A, RENT3A, UPF3, OTTHUMP00000018789, UPF3 regulator of nonsense transcripts homolog A

**Official Symbol:** UPF3A

**Accession Number(s):** NP\_075387.1; NP\_542418.1

**Human GeneID(s):** [65110](#)

**Important Comments:** This antibody is expected to recognize both isoforms (NP\_075387.1; NP\_542418.1).

### Immunogen

Peptide with sequence C-KETDKQKKIAEKE, from the internal region of the protein sequence according to NP\_075387.1; NP\_542418.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Preliminary experiments gave an approx 48kDa band in lysates of cell lines HeLa and Kelly after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 51kDa according to NP\_542418.1 and the reported sizes of 65 to 70kDa from different sources. The 48kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Cow