everest
a Vector Labs Company

UK Office

Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

EB09661 - Goat Anti-UPF3A / RENT3A Antibody
Size: 100µg specific antibody in 200µl

aspiring

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