

## UK Office

### Everest Biotech Ltd

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

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB06253 - Goat Anti-RANGAP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RANGAP1, KIAA1835, Ran GTPase activating protein 1, Fug1, MGC20266, SD, OTTHUMP00000198756, OTTHUMP00000198757, segregation distorter homolog, segregation distortion

**Official Symbol:** RANGAP1

**Accession Number(s):** NP\_002874.1

**Human GeneID(s):** [5905](#)

**Non-Human GeneID(s):** 19387 (mouse)

**Important Comments:** Please note that in mouse, there is a hypothetical protein called "similar to RANGAP1" (XP\_139737.2) that is virtually identical.

### Immunogen

Peptide with sequence ASEDIAKLAETLAK-C, from the N Terminus of the protein sequence according to NP\_002874.1.

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 1:32000.

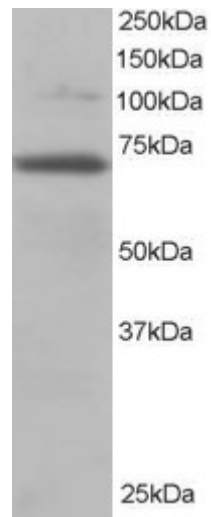
**Western blot:** Approx 70kDa band observed in 3T3 lysates (predicted MW of 68kDa according to NP\_002874). Recommended for use at 0.1-0.5µg/ml.

**IHC:** In paraffin embedded Human Liver shows vesicular staining in the cytoplasm of hepatocytes. Recommended concentration: 2-4µg/ml.

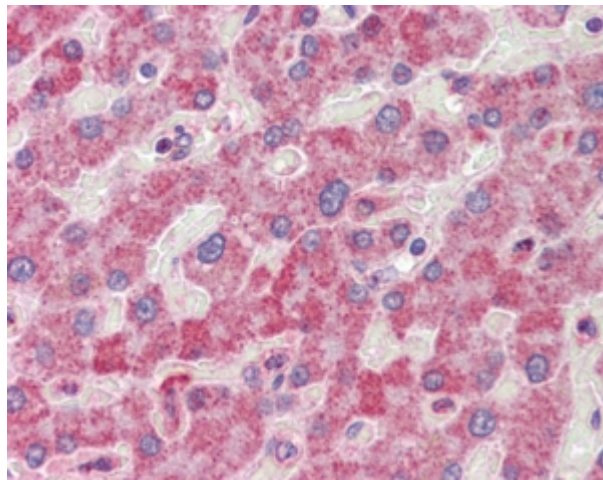
### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB06253 staining (0.2 $\mu$ g/ml) of 3T3 lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



EB06253 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.