

## 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.**

## EB05630-T - Goat Anti-p70S6K / RPS6KB1 Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** RPS6KB1, p70-S6K, ribosomal protein S6 kinase, 70kD, polypeptide 1, PS6K, S6K, S6K1, STK14A, p70(S6K)-alpha, p70-alpha, p70 S6 kinase, alpha 1, p70 S6 kinase, alpha 2, ribosomal protein S6 kinase, 70kD, polypeptide 1, serine/threonine kinase 14 alpha

**Official Symbol:** RPS6KB1

**Accession Number(s):** NP\_003152.1

**Human GeneID(s):** [6198](#)

**Non-Human GeneID(s):** 72508 (mouse), 83840 (rat)

### Immunogen

Peptide with sequence C-MISKRPEHLRMNL, from the C Terminus of the protein sequence according to NP\_003152.1.

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 1:64000.

**Western blot:** Approx 60kDa band observed in lysates of Human Placenta and of cell line NIH3T3 (calculated MW of 59.1kDa according to NP\_003152.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Kidney for this particular batch.

### Species Reactivity

**Tested:** Human, Mouse

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

EB05630 (0.3µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB05630 (1µg/ml) staining of NIH3T3 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.