

## UK Office

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

## EB05630 - Goat Anti-p70S6K / RPS6KB1 Antibody

Size: 100µg specific antibody in 200µl



### 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 (0.3 $\mu$ g/ml) staining of Human Placenta lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



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