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**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.