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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

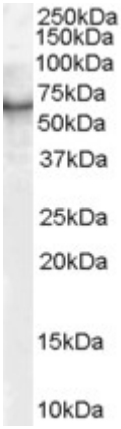
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

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.