



## Goat anti-p70S6K / RPS6KB1 Antibody

<b>Item Number</b>	dAP-0393
<b>Target Molecule</b>	Principle Name: p70S6K / RPS6KB1; Official Symbol: RPS6KB1; All Names and Symbols: 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; Accession Number (s): NP_003152.1; Human Gene ID(s): 6198; Non-Human GeneID(s): 72508 (mouse) 83840 (rat)
<b>Immunogen</b>	MISKRPEHLRMNL, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human, Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: Approx 65kDa band observed in lysates of Human Placenta, of Rat Brain and of cell line NIH3T3 (calculated MW of 59.1kDa according to NP_003152.1). Recommended concentration: 0.05-0.1µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Kidney shows staining in the cytoplasm-rich PCT while less so in the DCT and no signals in the glomerulus. Recommended concentration: 2-4µg/ml.
<b>Reference</b>	Reference(s): Grove JR, Banerjee P, Balasubramanyam A, Coffey PJ, Price DJ, Avruch J, Woodgett JR. Cloning and expression of two human p70 S6 kinase polypeptides differing only at their amino termini. Mol Cell Biol. 1991 Nov;11(11):5541-50..PMID: 1922062 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**