



Goat anti-RPS6KA2 Antibody

Item Number	dAP-2361
Target Molecule	Principle Name: RPS6KA2; Official Symbol: RPS6KA2; All Names and Symbols: RPS6KA2; ribosomal protein S6 kinase, 90kDa, polypeptide 2; HU-2; MAPKAPK1C; RSK; RSK3; S6K-alpha; S6K-alpha2; p90-RSK3; pp90RSK3; ribosomal S6 kinase 3; ribosomal protein S6 kinase alpha 2; ribosomal protein S6 kinase, 90kD, polypeptide 2; Accession Number (s): NP_066958.2; NP_001006933.1; Human Gene ID(s): 6196; Non-Human GeneID(s):
Immunogen	EYLSPNQLSRQDVH, is from C Terminus (near) This antibody is expected to recognize both reported isoforms (NP_066958.2; NP_001006933.1)
Applications	Pep ELISA, WB Species Tested: Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 75kDa band observed in Rat Lung lysates (calculated MW of 83.2kDa according to Rat NP_476469.11). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Kang S, Dong S, Gu TL, Guo A, Cohen MS, Lonial S, Khoury HJ, Fabbro D, Gilliland DG, Bergsagel PL, Taunton J, Polakiewicz RD, Chen J FGFR3 activates RSK2 to mediate hematopoietic transformation through tyrosine phosphorylation of RSK2 and activation of the MEK/ERK pathway Cancer Cell.

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**