

Goat anti-SGK Antibody

Item Number	dAP-3010
Target Molecule	Principle Name: SGK; Official Symbol: SGK1; All Names and Symbols: SGK1; serum/glucocorticoid regulated kinase 1; SGK; OTTHUMP00000017247; serine/threonine protein kinase SGK; serum and glucocorticoid regulated kinase; Accession Number (s): NP_005618.2; Human Gene ID(s): 6446; Non-Human Gene-ID(s): 20393 (mouse) 29517 (rat)
Immunogen	TEEPVPNSIGKSPD, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Human
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 4000.
Western Blot	
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows membrane and nuclear stains in epithelial cells of DCT. Recommended concentration, 2-4µg/ml.

Reference	Reference(s): Dehner M, Hadjihannas M, Weiske J, Huber O, Behrens J, Wnt signaling inhibits Forkhead box O3a-induced transcription and apoptosis through up-regulation of serum- and glucocorticoid-inducible kinase 1. J Biol Chem. 2008 Jul 11;283(28):19201-10..PMID: 18487207->
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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**