

Goat anti-RICTOR Antibody

Item Number	dAP-0646
Target Molecule	Principle Name: RICTOR; Official Symbol: RICTOR; All Names and Symbols: RICTOR; Rictor; KIAA1999; AVO3; MGC39830; likely ortholog of mouse TORC2-specific protein AVO3 (<i>S. cerevisiae</i>); rapamycin-insensitive companion of mTOR; mAVO3; pianissimo; DKFZp686B11164; RPTOR independent companion of MTOR, complex 2; PIA; mAVO3; TORC2-s; Accession Number (s): NP_689969.2; Human Gene ID(s): 253260; Non-Human GeneID(s): 78757 (mouse)
Immunogen	KQPIVD TSAES, 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	Western Blot: Preliminary experiments gave an approx 38kDa band in Human Lung Carcinoma A549 cell line and cervix epitheloid carcinoma cell line HeLa lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in t
IHC	Immunohistochemistry: In paraffin embedded Kidney shows strong cytoplasmic staining of epithelial cells in distal convoluted tubules. Recommended concentration, 2-3µg/ml.
Reference	Reference(s): Sarbassov dos D, Ali SM, Kim DH, Guertin DA, Latek RR, Erdjument-Bromage H, Tempst P, Sabatini DM. Rictor, a novel binding partner of mTOR, defines a rapamycin-insensitive and raptor-independent pathway that regulates the cytoskeleton. <i>Curr Biol.</i> 2004 Jul 27;14(14):1296-302. .PMID:

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**