

Goat anti-PRKCB Antibody

Item Number	dAP-2884
Target Molecule	Principle Name: PRKCB; Official Symbol: PRKCB; All Names and Symbols: PRKCB; protein kinase C, beta; MGC41878; PKC-beta; PKCB; PRKCB1; PRKCB2; OTTHUMP00000162377; OTTHUMP00000162378; PKC-B; protein kinase C beta type; protein kinase C, beta 1 polypeptide; Accession Number (s): NP_997700.1; Human Gene ID(s): 5579; Non-Human GeneID(s):
Immunogen	DKEFTRQPVELT, is from internal region (near C terminus) This antibody is expected to recognize isoform 1 (NP_997700.1) only.
Applications	Pep ELISA, WB, IHC Species Tested: Human, 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 128000.
Western Blot	Western Blot: Approx 80kDa band observed in lysates of Human Placenta and Rat Brain (calculated MW of 76.9kDa according to NP_997700.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Spleen shows nucleolar staining in some splenocytes. Recommended concentration, 1-2µg/ml.
Reference	Reference(s): Sheng YJ, Gao JP, Li J, Han JW, Xu Q, Hu WL, Pan TM, Cheng YL, Yu ZY, Ni C, Yao S, He CF, Liu YS, Li Y, Ge HM, Xiao FL, Sun LD, Yang S, Zhang XJ. Follow-up study identifies two novel susceptibility loci PRKCB and 8p11.21 for systemic lupus erythematosus. Rheumatology (Oxford). 2011 Apr;50

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**