

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; PKC; PRKCB1; PRKCB2; OTTHUMP00000162377; OT-THUMP00000162378; 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 GenelD(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 end users! This product is sold for **Research Use Only**