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Research Use Only. Not for diagnostic or therapeutic use.

EB11585-B - Goat Anti-PRKCB, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MGC41878, OTTHUMP00000162377, OTTHUMP00000162378, PKCB, PKC-B, PKC-beta, PRKCB, PRKCB1, PRKCB2, protein kinase C beta type,

protein kinase C, beta, protein kinase C, beta 1 polypeptide

Official Symbol: PRKCB

Accession Number(s): NP_997700.1

Human GeneID(s): 5579

Important Comments: This antibody is expected to recognize isoform 1 (NP_997700.1)

only.

Immunogen

Peptide with sequence C-DKEFTRQPVELT., from the internal region (near C terminus) of the protein sequence according to NP_997700.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 80kDa band observed in lysates of Human Placenta (calculated MW of 76.9kDa according to NP_997700.1). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Rat, Dog



Biotinylated EB11585 (0.3ug/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.