

UK Office

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB11585-B - Goat Anti-PRKCB, Biotinylated Antibody

Size: 100µg specific antibody in 200µl

Cite

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): <u>5579</u> 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.

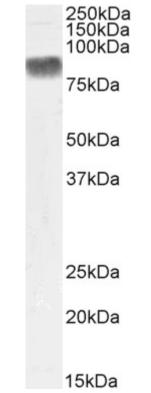
Aliquot and store at -20°C. Minimize freezing and thawing.

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.