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Research Use Only. Not for diagnostic or therapeutic use.

EB12886 - Goat Anti-PRKD1 (aa383-395) Antibody 🏏

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: PRKD1, PKC-MU, PKCM, PKD, PRKCM; Official Symbol: PRKD1 Accession Number(s): NP_002733.2 Human GeneID(s): <u>5587</u>

Immunogen

Peptide with sequence C-QDPDPDHEDANRT, from the internal region of the protein sequence according to NP_002733.2.

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

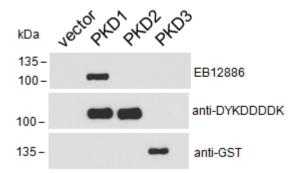
Peptide ELISA: antibody detection limit dilution 1:8000.

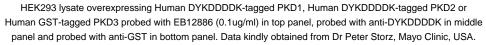
Western blot: In transfected HEK293 transiently expressing Human PKD1 (DYKDDDDK tagged), a band of approx. 100kDa is observed. The same band is observed using anti-DYKDDDDK antibody and no bands are observed in cells transiently expressing Human PKD2 or PKD3. Recommended concentration 0.1-0.3ug/ml

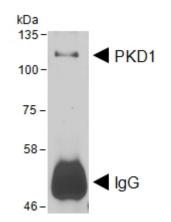
Immunoprecipitation: PKD1 was immunoprecipitated from Hek293T cells (as above). Immunoprecipitates were analyzed by Western Blot probed with the same antibody.

Species Reactivity

Tested: Human Expected from sequence similarity: Human







HEK293 lysate overexpressing Human DYKDDDDK-tagged PKD1 was used to immunoprecipitate PKD1 with 2ug EB12886. The precipitate was subsequently probed in Western blot using EB12886 at 1ug/ml. The secondary anti-goat picks up the heavy chain of EB12886 used for the immunoprecipitation (annotated as IgG). Data kindly obtained from Dr Peter Storz, Mayo Clinic, USA