

Goat anti-PRKD1 (aa233-246) Antibody

Item Number	dAP-3391
Target Molecule	Principle Name: PRKD1 (aa233-246); Official Symbol: PRKD1; All Names and Symbols: PRKD1; PKC-MU; PKCM; PKD; PRKCM;; Accession Number (s): NP_002733.2; Human Gene ID(s): 5587; Non-Human GenID(s): 18760 (mouse) 85421 (rat)
Immunogen	QKSPSESFIGREKR, is from internal region
Applications	Pep ELISA, WB Trf, IP, IHC Species Tested: Human
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: 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
IHC	Immunohistochemistry: This antibody has been confirmed in human pancreatic adenocarcinoma (PDA) according to Döppler et al, Sci Rep. 2016 Sep 21;6:33758 PMID 27649783.
Reference	Reference(s): Borges S, Döppler H, Perez EA, Andorfer CA, Sun Z, Anastasiadis PZ, Thompson E, Geiger XJ, Storz P. Pharmacologic reversion of epigenetic silencing of the PRKD1 promoter blocks breast tumor cell invasion and metastasis. Breast Cancer Res. 2013 Aug 23;15(2):R66..23971832->

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**