

Anti-PRKD1 antibody (383-395) (STJ73233)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB-Trf/IP
Host / Source	Goat
Reactivity	Human

PRODUCT PROPERTIES

Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:8000. WB: 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
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

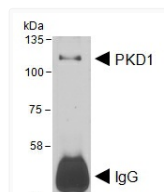
Gene ID	5587
Gene Symbol	PRKD1
UniProt ID	KPCD1_HUMAN
Immunogen Region	383-395
Immunogen Sequence	QDPDPDHEDANRT

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



HEK293 lysate overexpressing Human DYKDDDDK-tagged PKD1, Human DYKDDDDK-tagged PKD2 or Human GST-tagged PKD3 probed with STJ73233 (0.1 µg/ml) in top panel, probed with NA NA NA anti-DYKDDDDK in middle panel and probed with anti-GST in bottom panel. Data kindly obtained from Dr Peter Storz, Mayo Clinic, USA.



HEK293 lysate overexpressing Human DYKDDDDK-tagged PKD1 was used to immunoprecipitate PKD1 with 2 µg STJ73233. The precipitate was subsequently probed in Western blot using STJ73233 at 1 µg/ml. The secondary anti-goat picks up the heavy chain of STJ73233 used for the immunoprecipitation (annotated as IgG). Data kindly obtained from Dr Peter Storz, Mayo Clinic, USA