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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11002 - Goat Anti-PKD1 (aa2281-2292) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PKD1, polycystic kidney disease 1 (autosomal dominant), PBP, Pc-1, TRPP1, autosomal dominant polycystic kidney disease 1 protein, polycystic kidney disease-associated protein, polycystin 1, polycystin-1

Official Symbol: PKD1

Accession Number(s): NP_001009944.2; NP_000287.3

Human GeneID(s): [5310](#)

Non-Human GeneID(s): 18763 (mouse), 24650 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_001009944.2; NP_000287.3).

Immunogen

Peptide with sequence C-KSYDPNLEDGDQT, from the internal region of the protein sequence according to NP_001009944.2; NP_000287.3.

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 1:1000.

Western blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 463kDa according to NP_000287.3. Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product.

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig