

Goat anti-Polycystin 2 / PKD2 Antibody

Item Number	dAP-1898
Target Molecule	Principle Name: Polycystin 2 / PKD2; Official Symbol: PKD2; All Names and Symbols: PKD2; polycystic kidney disease 2 (autosomal dominant); APKD2; MGC138466; MGC138468; PC2; PKD4; polycystin 2; polycystin; Accession Number (s): NP_000288.1; Human Gene ID(s): 5311; Non-Human GenID(s): 18764 (mouse) 498328 (rat)
Immunogen	ERAQLKRREVLGR, is from internal region
Applications	Pep ELISA, WB 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 2000.
Western Blot	Western Blot: Approx 100kDa band observed in lysates of cell line HeLa (calculated MW of 110kDa according to NP_000288.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Fencl F, Janda J, Bláhová K, Hríbal Z, Steková J, Puchmajerová A, Seeman T. Genotype-phenotype correlation in children with autosomal dominant polycystic kidney disease. Pediatr Nephrol. 2009 May;24(5):983-9.. PMID: 19194729->

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**