

## Goat anti-PPIG Antibody

Item Number	dAP-2968
Target Molecule	Principle Name: PPIG; Official Symbol: PPIG; All Names and Symbols: PPIG; peptidylprolyl isomerase G (cyclophilin G); CARS-Cyp; CYP; MGC133241; SRCyp; Clk-associating RS-cyclophilin; peptidyl-prolyl isomerase G (cyclophilin G); peptidylprolyl isomerase G; Accession Number (s): NP_004783.2; Human Gene ID(s): 9360; Non-Human GenID(s): 228005 (mouse) 83624 (rat)
Immunogen	RDHNSSNNNSREKKAD, 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 1000.
Western Blot	Western Blot: Approx 85kDa band observed in Human Kidney lysates (calculated MW of 88.6kDa according to NP_004783.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): de Krom M, Staal WG, Ophoff RA, Hendriks J, Buitelaar J, Franke B, de Jonge MV, Bolton P, Collier D, Curran S, van Engeland H, van Ree JM. A common variant in DRD3 receptor is associated with autism spectrum disorder. <i>Biological psychiatry</i> 2009 Apr 65 (7): 625-30.. PMID: 19058789->

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**