



Goat anti-PPID / CyP-40 Antibody

Item Number	dAP-1130
Target Molecule	Principle Name: PPID / CyP-40; Official Symbol: PPID; All Names and Symbols: CYP-40; MGC33096; peptidylprolyl isomerase D (cyclophilin D) ; 40 kDa peptidyl-prolyl cis-trans isomerase D; PPIase; cyclophilin 40; cyclophilin D; cyclophilin-related protein; peptidylprolyl isomerase D; rotamase; Accession Number (s): NP_005029.1; Human Gene ID(s): 5481; Non-Human GeneID(s): 67738 (mouse) 361967 (rat)
Immunogen	DENFHYKHDREG, 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 64000.
Western Blot	Western Blot: Approx 40kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 40.8kDa according to NP_005029.1). In transfected HEK293 transiently expressing CyP-40 a band of approx. 45kDa is observed. This band is not observed in th
IHC	
Reference	Reference(s): Forte M, Gold BG, Marracci G, Chaudhary P, Basso E, Johnsen D, Yu X, Fowlkes J, Bernardi P, Bourdette D. Cyclophilin D inactivation protects axons in experimental autoimmune encephalomyelitis, an animal model of multiple sclerosis. Proc Natl Acad Sci U S A. 2007 May 1;104(18):7558-63. Epub

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 ender users! This product is sold for **Research Use Only**