

Goat anti-Cyclophilin A / PPIA Antibody

Item Number	dAP-0762
Target Molecule	Principle Name: Cyclophilin A / PPIA; Official Symbol: PPIA; All Names and Symbols: PPIA; peptidylprolyl isomerase A (cyclophilin A) ; HGNC:9253; CYPA; CYPH; MGC12404 ; T cell cyclophilin; cyclosporin A-binding protein; peptidyl-prolyl cis-trans isomerase A; peptidylprolyl isomerase A; rotamase; MGC117158; MGC23397; PPIase A; Accession Number (s): NP_066953.1; Human Gene ID(s): 5478; Non-Human GeneID(s):
Immunogen	ERFGSRNGKTSKK, is from internal region This product is expected to also recognise PPIAL (NP_001008741.1, GeneID: 388817) which is identical to PPIA (NP_066953.1).
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 8000.
Western Blot	Western Blot: Approx. 18kDa band observed in Human Lymph Node lysates (calculated MW 18.0kDa according to NP_066953.1), Recommended Concentration: 0.1-0.3ug/ml.
IHC	
Reference	Reference(s): Berthoux L, Sebastian S, Sokolskaja E, Luban J. Cyclophilin A is required for TRIM5{alpha}-mediated resistance to HIV-1 in Old World monkey cells. Proc Natl Acad Sci U S A. 2005 Oct 11;102(41):14849-53. Epub 2005 Oct 3. .PMID: 16203999 ->

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**