

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 ERFGRNGKTSKK, 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 α -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 end users! This product is sold for **Research Use Only**