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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07886 - Goat Anti-PPID / CyP-40 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CYP-40, MGC33096, peptidylprolyl isomerase D (cyclophilin D), 40 kDa peptidyl-prolyl cis-trans isomerase D, PPlase, cyclophilin 40, cyclophilin D, cyclophilin-related protein, peptidylprolyl isomerase D, rotamase

Official Symbol: PPID

Accession Number(s): NP_005029.1

Human GeneID(s): [5481](#)

Non-Human GeneID(s): 67738 (mouse), 361967 (rat)

Immunogen

Peptide with sequence C-DENFHYKHDREG, from the internal region of the protein sequence according to NP_005029.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 40kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 40.8kDa according to NP_005029.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07886 (0.1µg/ml) staining of Human Brain (Frontal Cortex) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.