

## UK Office

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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, PPIase, 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 (0.1 $\mu$ g/ml) staining of Human Brain (Frontal Cortex) lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.