



## UK Office

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

## EB09090 - Goat Anti-FKBP4 / FKBP52 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FKBP4, FKBP52, FK506 binding protein 4, 59kDa, FKBP59, HBI, Hsp56, PPIase, p52, FK506 binding protein 4 (59kD), FK506-binding protein 4, FK506-binding protein 4 (59kD), HSP binding immunophilin, T-cell FK506-binding protein, 59kD, p59 protein, peptidylprolyl cis-trans isomerase, rotamase

**Official Symbol:** FKBP4

**Accession Number(s):** NP\_002005.1

**Human GeneID(s):** [2288](#)

### Immunogen

Peptide with sequence C-DHPTDTEMKEEQKSN, from the C Terminus of the protein sequence according to NP\_002005.1.

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 1:8000.

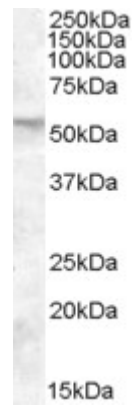
**Western blot:** Approx 52kDa band observed in Human Placenta lysates (calculated MW of 51.8kDa according to NP\_002005.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Kidney and Brain (Cerebellum). Recommended concentration: 3.75µg/ml.

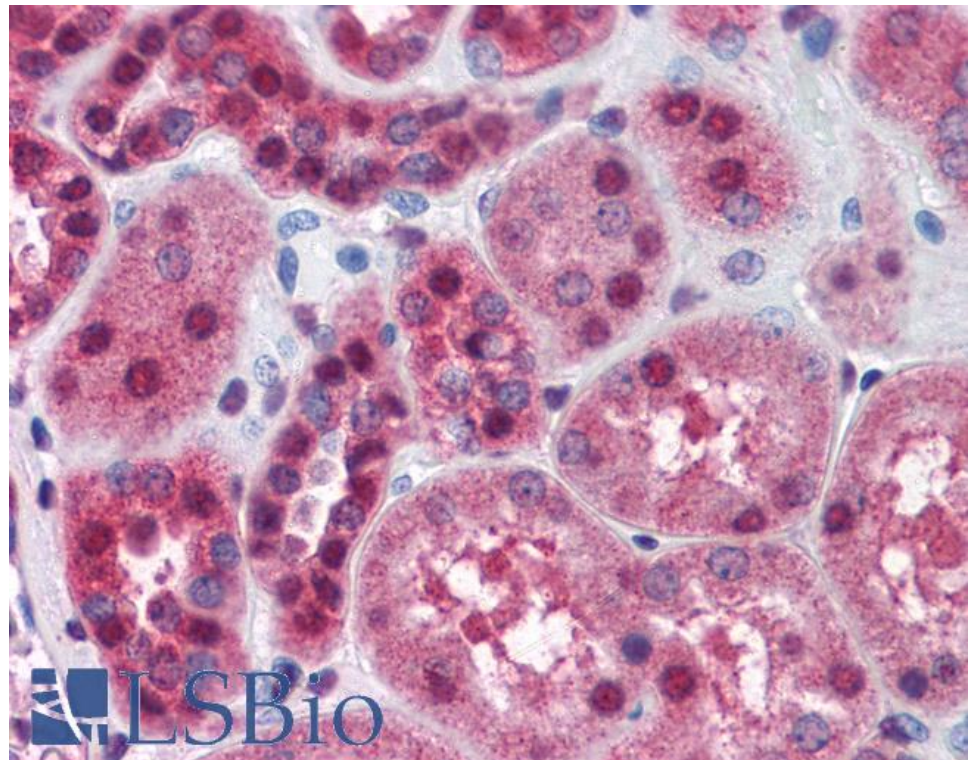
### Species Reactivity

**Tested:** Human

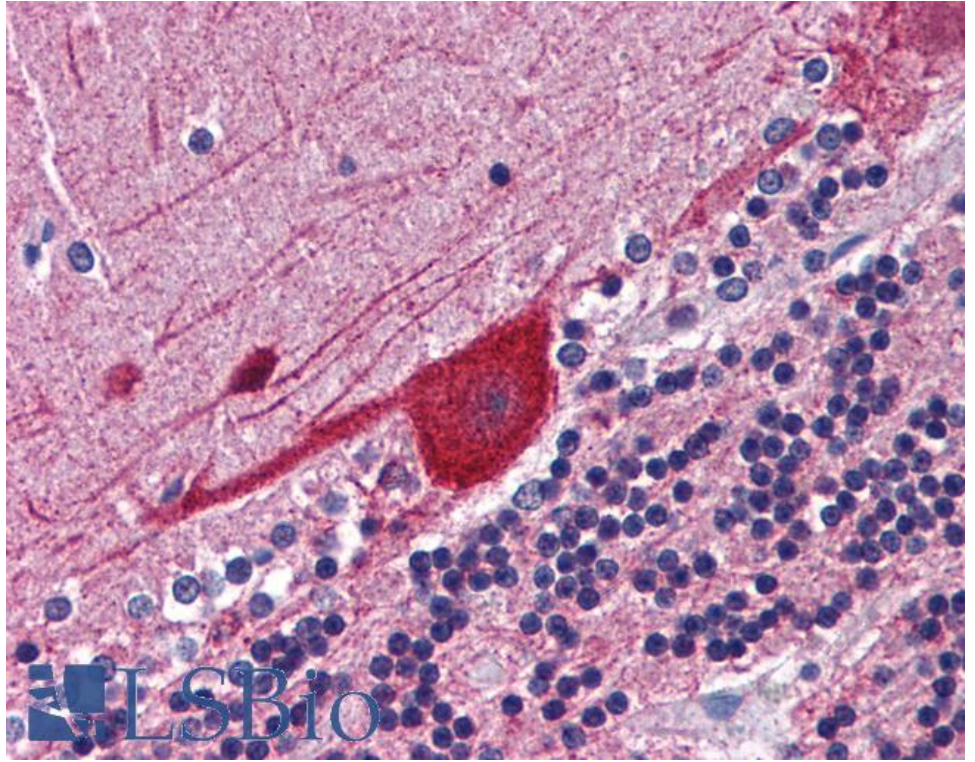
**Expected from sequence similarity:** Human



EB09090 (0.01 $\mu$ g/ml) staining of Human Placenta lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB09090 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB09090 (3.75µg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.