

## UK Office

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

## EB05403 - Goat Anti-PEBP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PEBP1, phosphatidylethanolamine binding protein 1, HCNP, PBP, PEBP, RKIP, prostatic binding protein, RAF kinase inhibitor protein, Raf kinase inhibitory protein, hippocampal cholinergic neurostimulating peptide

**Official Symbol:** PEBP1

**Accession Number(s):** NP\_002558.1

**Human GeneID(s):** [5037](#)

**Non-Human GeneID(s):** 23980 (mouse)

### Immunogen

Peptide with sequence C-DYVPKLYEQLSGK, from the C Terminus of the protein sequence according to NP\_002558.1.

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 1:32000.

**Western blot:** Approx 20-22kDa band observed in A549, HepG2 and Human Liver lysate (predicted MW of 22kDa according to NP\_002558.1). Recommended for use at 0.5-2µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

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

### Specific Reference

**This antibody (previous batch) has been successfully used in Rat in the following paper:**

Weitzdörfer R, Höger H, Shim KS, Cekici L, Pollak A, Lubec G.

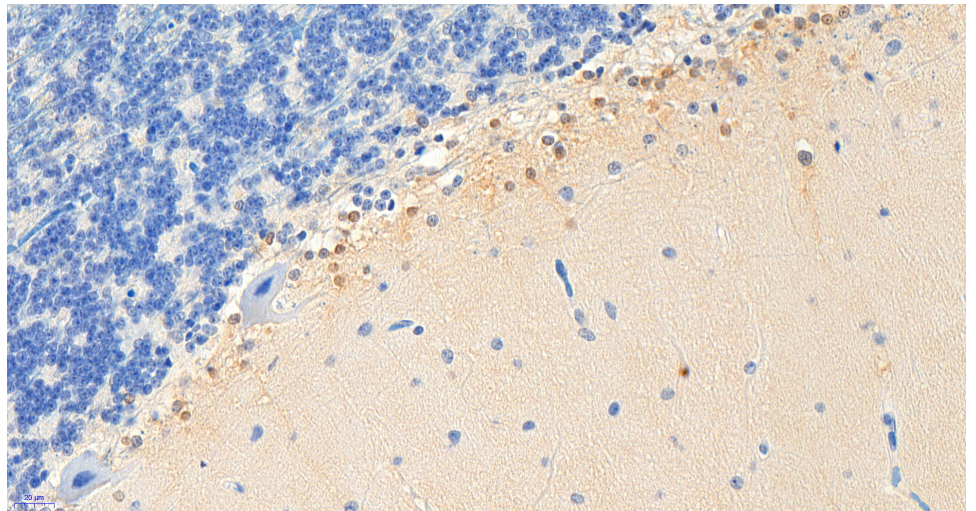
Changes of hippocampal signaling protein levels during postnatal brain development in the rat.

Hippocampus. 2008;18(8):807-13.

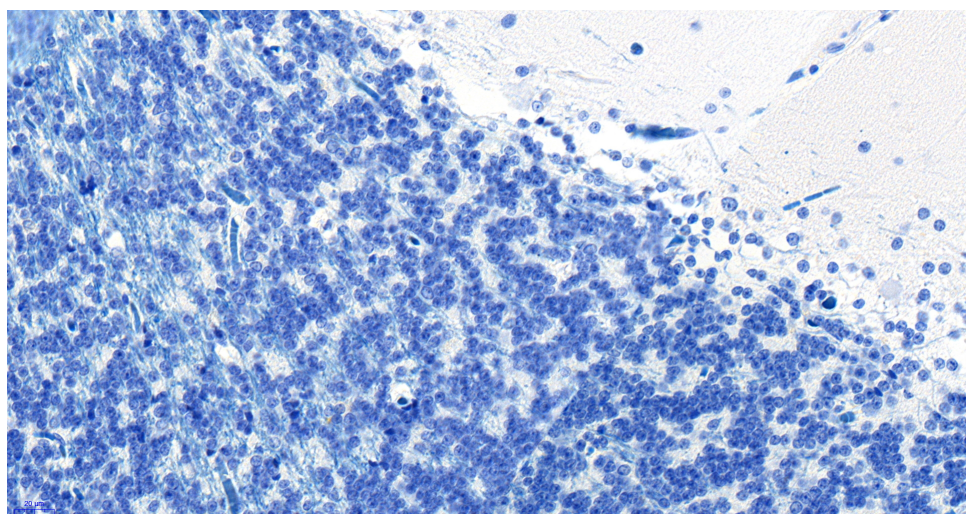
PMID: 18493952



EB05403 (1 $\mu$ g/ml) staining of A549 lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB05403 (5 $\mu$ g/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB05403 Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.