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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

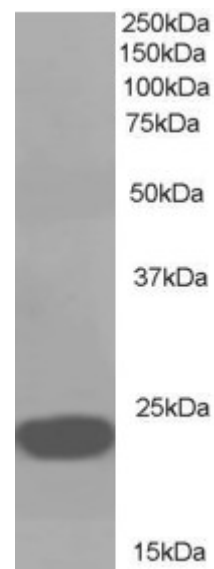
This antibody (previous batch) has been successfully used in Rat in the following paper:

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

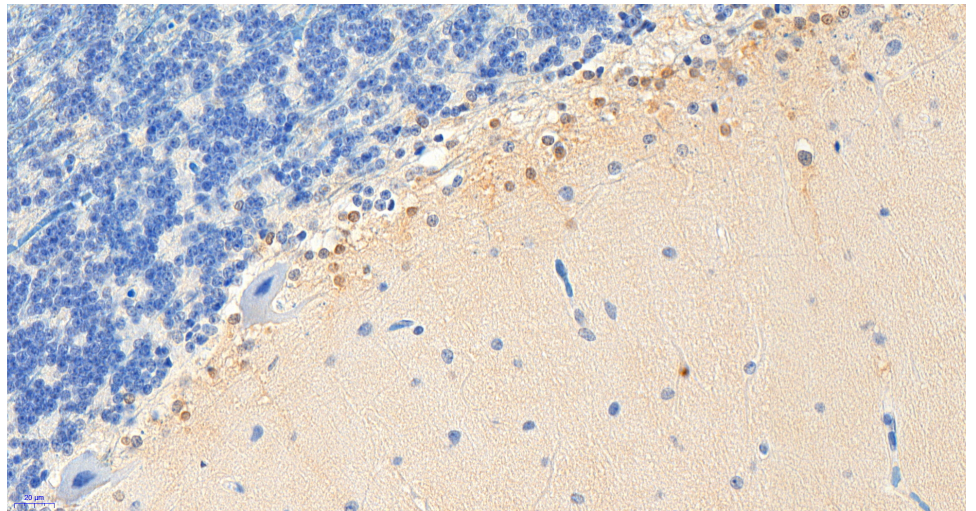
Changes of hippocampal signaling protein levels during postnatal brain development in the rat.

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

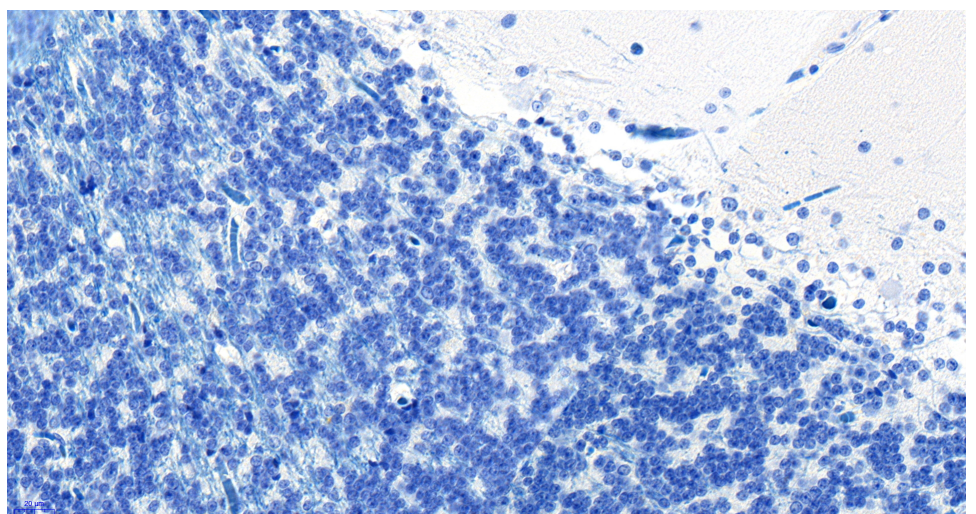
PMID: 18493952



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



EB05403 (5 μ 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.