

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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 GenelD(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

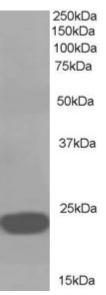
This antibody (previous batch) has been successfully used in Rat in the following paper:

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

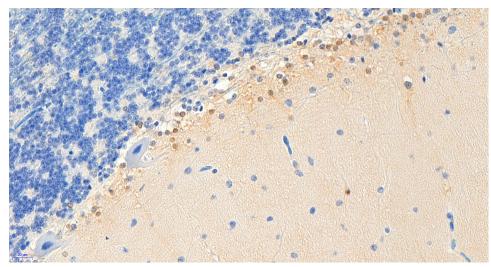
Changes of hippocampal signaling protein levels during postnatal brain development in

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

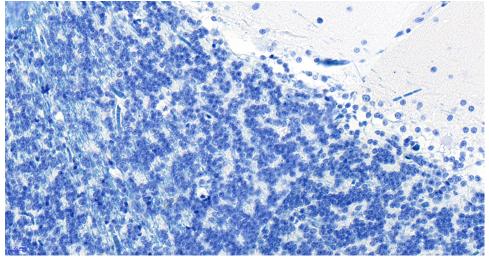
PMID: 18493952



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



EB05403 (5µg/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.