



## UK Office

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

## EB07477-B - Goat Anti-PEBP1 / RKIP (Internal), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PEBP1, phosphatidylethanolamine binding protein 1, HCNP, HCNpp, HEL-210, HEL-S-34, HEL-S-96, PBP, PEBP, PEBP-1, RKIP, Raf kinase inhibitory protein, epididymis luminal protein 210, epididymis secretory protein Li 34, epididymis secretory protein Li 96, hippocampal cholinergic neurostimulating peptide, neuropolypeptide h3, prostatic binding protein, raf kinase inhibitor protein

**Official Symbol:** PEBP1

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

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

**Non-Human GeneID(s):** 23980 (mouse), 29542 (rat)

### Immunogen

Peptide with sequence C-DPDAPSRKDPKYRE., from the internal region 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 1:128000.

**Western blot:** Approx 23kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 21.1kDa according to NP\_002558.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

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



Biotinylated EB07477 (0.1 $\mu$ g/ml) staining of Human Cerebellum lysate (35 $\mu$ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.