

Goat anti-PEBP1 Antibody

Item Number dAP-0323

Target Molecule Principle Name: PEBP1; Official Symbol: PEBP1; All Names and Symbols: PEBP1; phosphatidylethanolamine binding protein 1; HCNP; PBP; PEBP; RKIP; prostatic binding protein; RAF kinase inhibitor protein; Raf kinase inhibitory protein; hippocampal cholinergic neurostimulating peptide; Accession Number (s): NP_002558.1; Human Gene ID(s): 5037; Non-Human GeneID(s): 23980 (mouse)

Immunogen DYVPKLYEQLSGK, is from C Terminus

Applications Pep ELISA, WB, IHC

Species Tested: Human, Mouse, Rat

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 16000.

Western Blot Western Blot: Approx 22kDa band observed in lysates of cell lines HEK293, A549 and HepG2 and NIH3T3 (calculated MW of 21.1kDa according to NP_002558.1). Recommended concentration: 0.01-0.03µg/ml. A customer has reported the 22kDa in Rat Hippocampus us

IHC Immunohistochemistry: In paraffin embedded Human Brain (Cortex) shows staining near sectect nuclei. Recommended concentration: 1-2µg/ml. Paraffin embedded Human Prostate. Recommended concentration: 5µg/ml.

Reference Reference(s): Yeung K, Seitz T, Li S, Janosch P, McFerran B, Kaiser C, Fee F, Katsanakis KD, Rose DW, Mischak H, Sedivy JM, Kolch W. Suppression of Raf-1 kinase activity and MAP kinase signalling by RKIP. *Nature*. 1999 Sep 9;401(6749):173-7..PMID: 10490027->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**