



Anti-PEBP1 (aa 70-83) polyclonal antibody (DPABH-11928)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Binds ATP, opioids and phosphatidylethanolamine. Has lower affinity for phosphatidylinositol and phosphatidylcholine. Serine protease inhibitor which inhibits thrombin, neuropsin and chymotrypsin but not trypsin, tissue type plasminogen activator and elastase. HCNP may be involved in the function of the presynaptic cholinergic neurons of the central nervous system. HCNP increases the production of choline acetyltransferase but not acetylcholinesterase. Seems to be mediated by a specific receptor.
Immunogen	Synthetic peptide: DPDAPSRKDPKYRE with a Cysteine residue linker, corresponding to internal sequence amino acids 70-83 of Human PBP (NP_002558.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated

freeze / thaw cycles.

GENE INFORMATION

Gene Name	PEBP1 phosphatidylethanolamine binding protein 2 [Homo sapiens]
Official Symbol	PEBP1
Synonyms	PEBP1; phosphatidylethanolamine binding protein 1; PBP; HCNP; PEBP; RKIP; HCNPpp; PEBP-1; HEL-210; HEL-S-34; phosphatidylethanolamine-binding protein 1; neuropolypeptide h3; prostatic binding protein; prostatic-binding protein; raf kinase inhibitor protein; Raf kinase inhibitory protein; epididymis luminal protein 210; epididymis secretory protein Li 34; hippocampal cholinergic neurostimulating peptide;
Entrez Gene ID	5037
Protein Refseq	NP_002558.1
UniProt ID	D9IAI1
Pathway	Aurora B signaling; ErbB1 downstream signaling;
Function	ATP binding; enzyme binding; phosphatidylethanolamine binding; poly(A) RNA binding