

Human phosphatidylethanolamine binding protein 1 ELISA Kit | PEBP1 elisa kit

Human Phosphatidylethanolamine-binding protein 1, PEBP1 ELISA Kit

CATALOG #
AAA18027

REACTIVITY
Human

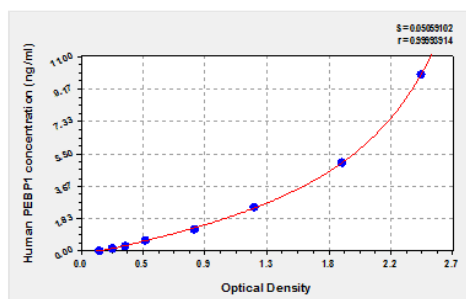
PRODUCT SYNONYMS

phosphatidylethanolamine binding protein 1; Human Phosphatidylethanolamine-binding protein 1; PEBP1 ELISA Kit; Human Phosphatidylethanolamine-binding protein 1 (PEBP1) ELISA kit; HCNP; PBP; PEBP; RKIP; Raf kinase inhibitory protein; hippocampal cholinergic neurostimulating peptide; prostatic binding protein; PEBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PEBP1. No significant cross-reactivity or interference between human PEBP1 and analogues was observed.
Sequence Length	187
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell lysates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PEBP1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PEBP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PEBP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PEBP1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PEBP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505621
NCBI GeneID	5037
NCBI Accession #	NP_002558.1
NCBI GenBank Nucleotide #	NM_002567.2
UniProt Accession #	P30086; B2R4S1
Molecular Weight	21,057 Da
NCBI Official Full Name	phosphatidylethanolamine-binding protein 1 preproprotein
NCBI Official Synonym Full Names	phosphatidylethanolamine binding protein 1
NCBI Official Symbol	PEBP1
NCBI Official Synonym Symbols	PBP; HCNP; PEBP; RKIP; HCNPpp; PEBP-1; HEL-210; HEL-S-34
NCBI Protein Information	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
UniProt Protein Name	Phosphatidylethanolamine-binding protein 1
UniProt Gene Name	PEBP1
UniProt Synonym Gene Names	PBP; PEBP; PEBP-1; RKIP; HCNP
UniProt Entry Name	PEBP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pebp1-human-elisa-kits/phosphatidylethanolamine-binding-protein-1/18027>