

Mouse anti-Human PEBP1 Monoclonal Antibody | anti-PEBP1 antibody

PEBP1 antibody

CATALOG # AAA48269	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

PEBP1; Monoclonal Antibody; PEBP1 antibody; Phosphatidylethanolamine-binding protein 1; HCNP; Pbp; Pbp1; Pbpq; Rkip; anti-PEBP1 antibody

PRODUCT SPECIFICATIONS

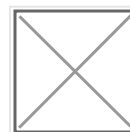
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT4B11
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	187
Applicable Applications for anti-PEBP1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human PEBP1 (1-187aa) purified from E. coli
Clone Note	Anti-human PEBP1 mAb, clone AT4B11, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human PEBP1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of PEBP1 in HeLa cells line, monoclonal anti-human PEBP1 antibody (1:100) stained with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human PEBP1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1 : HeLa cell lysate Lane 2 : SKOV3 cell lysate Lane 3 : A549 cell lysate Lane 4 : HepG2 cell lysate Lane 5 : MCF7 cell lysate Lane 6 : K562 cell lysate Lane 7 : LnCap cell lysate Lane 8 : Ramos cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-PEBP1 antibody	Phosphatidylethanolamine binding protein 1 (PEBP1), also known as Raf kinase inhibitor protein (RKIP), is a member of the phosphatidylethanolamine-binding protein family and a serine protease inhibitor which inhibits thrombin, neuropsin. PEBP1 plays a pivotal modulatory role in several protein kinase signaling cascades. Protein kinase C (PKC) phosphorylates PEBP1, resulting in release of Raf-1 and activation of MEK and ERK. Expressed in many tissues, PEBP1 is implicated in the regulation of such physiological processes as membrane biosynthesis, spermatogenesis, neural development, and metastasis suppression.
Product Categories/Family for anti-PEBP1 antibody	Cell Cycle
References	Keller ET., et al. (2004) Biochem Pharmacol. 68 (6): 1049-53. ; Park S., et al. (2005) Oncogene. 24 (21): 3535-40.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505621
NCBI GeneID	5037
NCBI Accession #	NP_002558
NCBI GenBank Nucleotide #	NM_002567.3
UniProt Accession #	P30086; B2R4S1
Molecular Weight	21,057 Da
NCBI Official Full Name	phosphatidylethanolamine-binding protein 1
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; HEL-S-96
NCBI Protein Information	phosphatidylethanolamine-binding protein 1
UniProt Protein Name	Phosphatidylethanolamine-binding protein 1
UniProt Gene Name	PEBP1
UniProt Synonym Gene Names	PBP; PEBP; PEBP-1; RKIP; HCNP

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/monoclonal/pebp1-antibody-clone-at4b11-immunofluorescence-immunocytochemistry-western-blot-elisa/48269>