

AEBP1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10098c

Specification

AEBP1 Antibody (Center) Blocking peptide - Product Information

Primary Accession

[Q8IUX7](#)

Other Accession

[NP_001120.3](#)

AEBP1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 165

Other Names

Adipocyte enhancer-binding protein 1, AE-binding protein 1, Aortic carboxypeptidase-like protein, AEBP1, ACLP

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AEBP1 Antibody (Center) Blocking peptide - Protein Information

Name AEBP1

Synonyms ACLP

Function

[Isoform 1]: As a positive regulator of collagen fibrillogenesis, it is probably involved in the organization and remodeling of the extracellular matrix.

Cellular Location

[Isoform 1]: Secreted {ECO:0000250|UniProtKB:Q640N1}

Tissue Location

Expressed in osteoblast and visceral fat.

AEBP1 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

AEBP1 Antibody (Center) Blocking peptide - Images**AEBP1 Antibody (Center) Blocking peptide - Background**

The adipocyte enhancer binding protein 1 is a transcriptional repressor with carboxypeptidase (CP) activity. This protein binds to a regulatory sequence, adipocyte enhancer 1(AE-1), located in the proximal promoter region of the adipose P2(aP2) gene, which encodes the adipocyte fatty-acid binding protein. It is characterized as a member of the regulatory B-like CP family. This protein seems to be activated by a novel mechanism, whereby the direct binding of DNA enhances its protease activity. Adipocyte-enhancer binding protein 1 may play a role in differentiated vascular smooth muscle cells.

AEBP1 Antibody (Center) Blocking peptide - References

Majdalawieh, A., et al. Nucl Recept Signal 8, E004 (2010) :Schissel, S.L., et al. Am. J. Pathol. 174(3):818-828(2009)Zhang, L., et al. Mol. Med. 11 (1-12), 39-47 (2005) :Layne, M.D., et al. Mol. Cell. Biol. 21(15):5256-5261(2001)Muise, A.M., et al. Biochem. J. 343 PT 2, 341-345 (1999) :