

Rabbit anti-Human AEBP1 Polyclonal Antibody | anti-AEBP1 antibody

AEBP1 Antibody (Center)

CATALOG # AAA286682	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

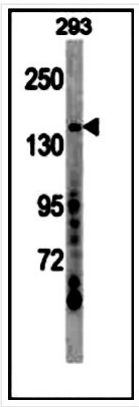
PRODUCT SYNONYMS

AEBP1; Polyclonal Antibody; AEBP1 Antibody (Center); Adipocyte enhancer-binding protein 1; AE-binding protein 1; Aortic carboxypeptidase-like protein; ACLP; anti-AEBP1 antibody

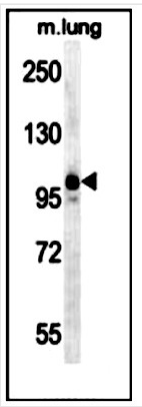
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This AEBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 334-364 amino acids from the Central region of human AEBP1.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	334-364
Sequence Length	733
Applicable Applications for anti-AEBP1 antibody	ELISA, WB (Western Blot)
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.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
AEBP1 Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the AEBP1 antibody detected the AEBP1 protein (arrow).



WB (Western Blot)
AEBP1 Antibody (Center) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the AEBP1 antibody detected the AEBP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AEBP1 antibody	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.
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) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	53692189
NCBI GeneID	165
NCBI Accession #	NP_001120.3
NCBI GenBank Nucleotide #	NM_001129.4
UniProt Accession #	Q8IUX7; Q14113; Q59ER7; Q6ZSC7; Q7KZ79
Molecular Weight	130929
NCBI Official Full Name	adipocyte enhancer-binding protein 1
NCBI Official Synonym Full Names	AE binding protein 1
NCBI Official Symbol	AEBP1
NCBI Official Synonym Symbols	ACLP
NCBI Protein Information	adipocyte enhancer-binding protein 1
UniProt Protein Name	Adipocyte enhancer-binding protein 1
UniProt Gene Name	AEBP1

UniProt Synonym Gene Names	ACLP; AE-binding protein 1
UniProt Entry Name	AEBP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/aebp1-antibody-western-blot-elisa/286682>