

Human Adipocyte Enhancer-Binding Protein 1 (AEBP1) ELISA Kit | AEBP1 elisa kit

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CATALOG #
AAA331139

REACTIVITY
Human

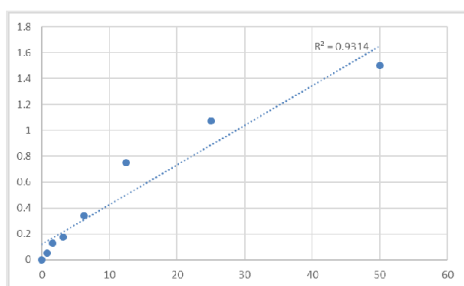
PRODUCT SYNONYMS

Adipocyte Enhancer-Binding Protein 1 (AEBP1); Human Adipocyte Enhancer-Binding Protein 1 (AEBP1) ELISA Kit; AEBP1; ACLP; FLJ33612; AE-binding protein 1; adipocyte enhancer binding protein 1; aortic carboxypeptidase-like protein; AEBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Adipocyte enhancer-binding protein 1 (AEBP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human AEBP1. No significant cross-reactivity or interference between Human AEBP1 and analogues was observed.
Sequence Length	1158
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Adipocyte enhancer-binding protein 1 (AEBP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for AEBP1 elisa kit	Description: This Human Adipocyte enhancer-binding protein 1 (AEBP1) ELISA Kit employs a two-site sandwich ELISA to quantitate AEBP1 in samples. An antibody specific for AEBP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AEBP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AEBP1 is added to the wells. After washing, Streptavidin 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 AEBP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: AEBP1 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. The deduced 1,158-amino acid ACLP protein contains a putative signal peptide; an 11-residue lys/pro-rich motif repeated 4 times in the N terminus; a domain with 30% identity to the slime mold adhesion protein discoidin I; and a C-terminal 500-amino acid domain with 39% identity to carboxypeptidase E (CPE).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	53692189
NCBI GeneID	165
NCBI Accession #	NP_001120.3
NCBI GenBank Nucleotide #	NP_001120.3
UniProt Accession #	Q8IUX7
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

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/human-elisa-kits/adipocyte-enhancer-binding-protein-1-aebp1/331139>