

## **AEBP1 Peptide**

**Subcategory:** Synthetic Peptide, Blocking Peptide

**Cat. No.:** 350560

**Unit:** 0.1 mg

**Description:**

Adipocyte enhancer-binding protein 1 (AEBP1) up-regulates MAP-kinase activity leading to enhanced proliferation and reduced differentiation of the adipocyte. AEBP1 also up-regulates NF-kappa-B activity in macrophages via phosphorylation and subsequent degradation of I-kappa-B-alpha. This leads to enhanced macrophage inflammatory responsiveness. It can also act as a transcriptional repressor.

**Format:** Each vial contains 0.1 mg of lyophilized peptide. Reconstitute with 0.1 ml deionized water for a final concentration of 1 mg/ml. Use at 5.6 ug/ml for a 100X excess over antibody for maximum blocking effect.

**Alternate Names:** AEBP1; ACLP; AE-binding protein 1; Aortic carboxypeptidase-like protein; Adipocyte enhancer-binding protein 1

**Accession No.:** Q14113

**MW:** 2114.2 g/mol

**Sequence:** The synthetic peptide used to raise the antibody Cat. No. 200198 is selected from a sequence within the N-term region of AEBP1. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

**Composition:** C<sub>93</sub>H<sub>136</sub>N<sub>18</sub>O<sub>36</sub>S<sub>1</sub>C<sub>93</sub>H<sub>136</sub>N<sub>18</sub>O<sub>36</sub>S<sub>1</sub>

**Purity:** Purity > 80% by HPLC

**Solubility:** Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

**Storage:** Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.