

AEBP2 Antibody (C-term) Blocking Peptide

Synthetic peptide

Catalog # BP18656b

Specification

AEBP2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession

[Q6ZN18](#)**AEBP2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 121536**Other Names**

Zinc finger protein AEBP2, Adipocyte enhancer-binding protein 2, AE-binding protein 2, AEBP2

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.

AEBP2 Antibody (C-term) Blocking Peptide - Protein Information**Name** AEBP2**Function**

Acts as an accessory subunit for the core Polycomb repressive complex 2 (PRC2), which mediates histone H3K27 (H3K27me3) trimethylation on chromatin leading to transcriptional repression of the affected target gene (PubMed: [15225548](http://www.uniprot.org/citations/15225548), PubMed: [31959557](http://www.uniprot.org/citations/31959557), PubMed: [29499137](http://www.uniprot.org/citations/29499137)). Plays a role in nucleosome localization of the PRC2 complex (PubMed: [29499137](http://www.uniprot.org/citations/29499137)).

Cellular Location

Nucleus. Note=Localizes to chromatin as part of the PRC2 complex

AEBP2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

AEBP2 Antibody (C-term) Blocking Peptide - Images**AEBP2 Antibody (C-term) Blocking Peptide - Background**

DNA-binding transcriptional repressor. AEBP2 may interact with and stimulate the activity of the PRC2 complex, which methylates 'Lys-9' and 'Lys-27' residues of histone H3.

AEBP2 Antibody (C-term) Blocking Peptide - References

Cao, R., et al. Mol. Cell 15(1):57-67(2004)He, G.P., et al. J. Biol. Chem. 274(21):14678-14684(1999)