10320 Camino Santa Fe, Suite G
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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, PubMed:29499137, PubMed:31959557). Plays a role in nucleosome localization of the PRC2 complex (PubMed: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

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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)