

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

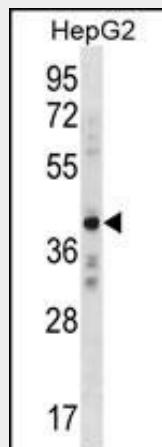
Nucleus. Note=Localizes to chromatin as part of the PRC2 complex

AEBP2 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AEBP2 Antibody (C-term) - Images



AEBP2 Antibody (C-term) (Cat. #AP18656b) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the AEBP2 antibody detected the AEBP2 protein (arrow).

AEBP2 Antibody (C-term) - 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) - 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)