

AEBP2 Monoclonal Antibody

Catalog No. E-AB-27007

Note: Centrifuge before opening to ensure complete recovery of vial contents.

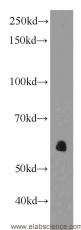
Description

Reactivity	Human
Immunogen	Fusion protein of AEBP2
Host	Mouse
Isotype	IgG1
Clone	Clone:111
Purification	Protein G purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, PH7.3

Applications Recommended Dilution

WB 1:500-1:5000

Data



Western Blot analysis of HeLa cells using AEBP2
Monoclonal Antibody at dilution of 1:1000

Observed Mw:55kDa

Calculated Mw:33kDa, 54kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

AEBP2 belongs to the AEBP2/jing C2H2-type zinc-finger family. It is a DNA-binding transcriptional repressor. AEBP2 is a zinc finger protein that has been shown to interact with the mammalian Polycomb Repression Complex 2 (PRC2). It may interact with and stimulate the activity of the PRC2 complex, which methylates 'Lys-9' and 'Lys-27' residues of histone H3. AEBP2 is an evolutionarily well-conserved gene that is found in the animals ranging from flying insects to mammals. The antibody recognizes adult-specific larger form (52 kDa) and the embryo-specific smaller form (31 kDa).

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