

AEBP2 Monoclonal antibody

Catalog Number: **66141-1-Ig**

Basic Information

Catalog Number:

66141-1-Ig

Size:

933 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17905

GenBank Accession Number:

BC015624

GeneID (NCBI):

121536

UNIPROT ID:

Q6ZN18

Full Name:

AE binding protein 2

Calculated MW:

33 kDa, 54 kDa

Observed MW:

55 kDa

Purification Method:

Protein G purification

CloneNo.:

7H2B11

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, pig

Positive Controls:

WB : HeLa cells,

Background Information

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. (PMID:19293275) The antibody recognizes adult-specific larger form (52 kDa) and the embryo-specific smaller form (31 kDa).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

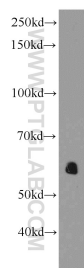
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 66141-1-Ig (AEBP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.