

For Research Use Only

# AEBP2 Monoclonal antibody

Catalog Number: 66141-1-Ig



## Basic Information

<b>Catalog Number:</b> 66141-1-Ig	<b>GenBank Accession Number:</b> BC015624	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 933 µg/ml	<b>GeneID (NCBI):</b> 121536	<b>CloneNo.:</b> 7H2B11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q6ZN18	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Full Name:</b> AE binding protein 2	
<b>Immunogen Catalog Number:</b> AG17905	<b>Calculated MW:</b> 33 kDa, 54 kDa	
	<b>Observed MW:</b> 55 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB: HeLa cells,
<b>Species Specificity:</b> human, pig	

## 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

For technical support and original validation data for this product please contact:

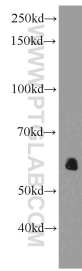
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## Selected Validation Data



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.