

For Research Use Only

AEBP2 Monoclonal antibody, PBS Only



Catalog Number: 66141-1-PBS

Basic Information

Catalog Number: 66141-1-PBS	GenBank Accession Number: BC015624	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 121536	CloneNo.: 7H2B11
Source: Mouse	UNIPROT ID: Q6ZNI8	
Isotype: IgG1	Full Name: AE binding protein 2	
Immunogen Catalog Number: AG17905	Calculated MW: 33 kDa, 54 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
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 only

Aliquoting is unnecessary for -20°C storage

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

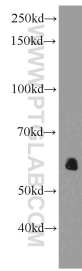
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Selected Validation Data



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. This data was developed using the same antibody clone with 66141-1-PBS in a different storage buffer formulation.