

AEBP2 Monoclonal antibody

Catalog Number: 66141-1-Ig

Basic Information

Catalog Number: 66141-1-Ig	GenBank Accession Number: BC015624	Purification Method: Protein G purification
Size: 150ul , Concentration: 933 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 121536	CloneNo.: 7H2B11
Source: Mouse	Full Name: AE binding protein 2	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG1	Calculated MW: 33 kDa, 54 kDa	
Immunogen Catalog Number: AG17905	Observed MW: 55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells,
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

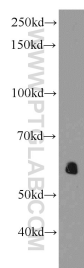
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.