For Research Use Only

AEBP2 Polyclonal antibody

Catalog Number:11232-2-AP 5 Publications

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Basic Information

Catalog Number:
11232-2-AP

Size:
150ul , Concentration: 600 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG1756

GenBank Accession Number:
BC015624

GeneID (NCBI):
121536

UNIPROT ID:
Q6ZN18

Full Name:
AE binding protein 2

Calculated MW:
33 kDa, 54 kDa

Observed MW:
52 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:200-1:1000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:
WB, IP, ELISA

Cited Applications:
WB, ChIP

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Positive Controls:

WB : human testis tissue,

IP : mouse testis tissue,

Background Information

AEBP2, also named as Zinc finger protein AEBP2 or Adipocyte enhancer-binding protein 2, is a 517 amino acid protein, which contains 3 C2H2-type zinc fingers and belongs to the AEBP2/jing C2H2-type zinc-finger family. AEBP2 as a DNA-binding transcriptional repressor may interact with and stimulate the activity of the PRC2 complex, which methylates 'Lys-9' and 'Lys-27' residues of histone H3. It may e playing a role in craniofacial and digital development, as well as development of the central nervous system and gastrointestinal tract.

Notable Publications

Author	Pubmed ID	Journal	Application
Kim Hana H	21949878	PLoS One	WB
Holdt Lesca M LM	23861667	PLoS Genet	
Rashmi Bharti	38853277	Mol Cancer	WB

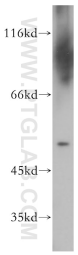
Storage

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

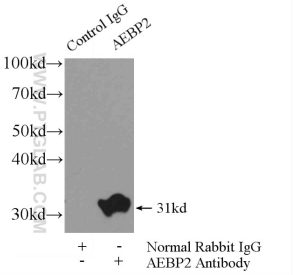
*** 20ul sizes contain 0.1% BSA

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

Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 11232-2-AP (AEBP2 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



IP result of anti-AEBP2 (IP:11232-2-AP, 4ug; Detection:11232-2-AP 1:300) with mouse testis tissue lysate 4800ug.