

For Research Use Only

AEBP2 Polyclonal antibody

Catalog Number: 11232-2-AP **4 Publications**



Basic Information

Catalog Number:

11232-2-AP

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1756

GenBank Accession Number:

BC015624

GeneID (NCBI):

121536

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 IP and 1:200-1:1000 for WB

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

ChIP, WB

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 be 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 MLM	23861667	PLoS Genet	
Wu Hao H	21451524	Nature	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

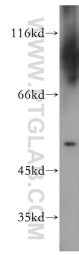
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

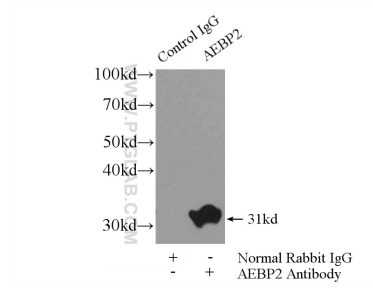
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.