

For Research Use Only

# AEBP2 Polyclonal antibody

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



## Basic Information

**Catalog Number:**

11232-2-AP

**Size:**

600 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, 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 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:

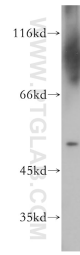
T: 4006900926

E: Proteintech-CN@ptglab.com

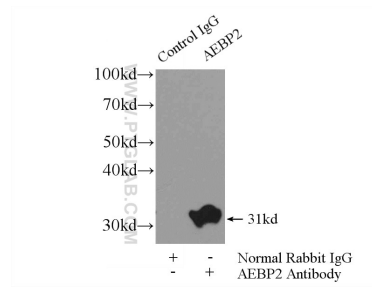
W: ptgcn.com

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## 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.