

# CEBPZ Polyclonal antibody

Catalog Number: 25612-1-AP

2 Publications

## Basic Information

Catalog Number:

25612-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11003

GenBank Accession Number:

BC034475

GeneID (NCBI):

10153

UNIPROT ID:

Q03701

Full Name:

CCAAT/enhancer binding protein  
(C/EBP), zeta

Calculated MW:

1054 aa, 121 kDa

Observed MW:

120-130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:20-1:200

## Applications

Tested Applications:

IF/ICC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells, mouse testis tissue, Jurkat cells, K-562 cells

IF/ICC : HeLa cells,

## Background Information

CEBPZ (CCAAT/enhancer binding protein zeta) belongs to the CBF/Mak21 family, it plays a role in cellular response to environmental stimuli through a transcriptional process that involves heat shock factors, conserved DNA elements (heat shock elements or HSEs) and CCAAT boxes. The protein acts as a DNA-binding transcriptional activator and regulates the heat-shock protein 70 (HSP70) promoter in a CCAAT-dependent manner.

## Notable Publications

| Author      | Pubmed ID | Journal             | Application |
|-------------|-----------|---------------------|-------------|
| Hanxiao Shi | 33934437  | Cancer Sci          | WB          |
| Tong Wu     | 34478875  | Mol Cell Proteomics | 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

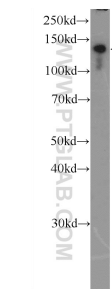
For technical support and original validation data for this product please contact:

T: 4006900926

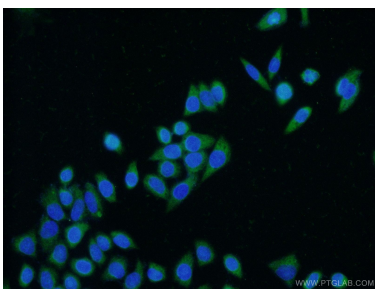
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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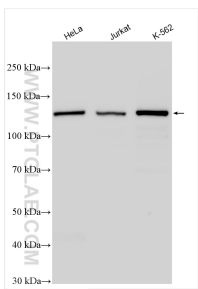
Selected Validation Data



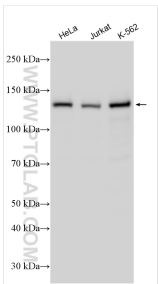
HeLa cells were subjected to SDS PAGE followed by western blot with 25612-1-AP (CEBPZ Antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20℃ Ethanol) fixed HeLa cells using 25612-1-AP (CEBPZ antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 25612-1-AP (CEBPZ antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 25612-1-AP (CEBPZ antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.