
Product Name: C/EBP ζ Rabbit Polyclonal Antibody**Catalog #: APRab07710**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,ELISA |
| Reactivity | Human,Rat,Mouse |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000 |
| Molecular Weight | 120kDa |

Antigen Information

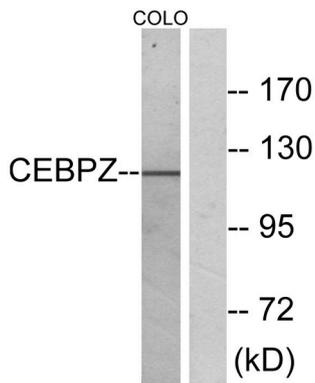
| | |
|--------------------------|---|
| Gene Name | CEBPZ |
| Alternative Names | CEBPZ; CBF2; CCAAT/enhancer-binding protein zeta; CCAAT-box-binding transcription factor; CBF; CCAAT-binding factor |
| Gene ID | 10153.0 |
| SwissProt ID | Q03701 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human CEBPZ. AA range:1-50 |

Background

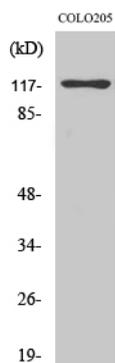
This gene belongs to the CEBP family. The encoded protein plays a role in cellular response to environmental stimuli through a transcriptional process that involves heat shock factors, conserved DNA elements (heat shock elements or HSEs) and CCAAT boxes. The protein acts as a DNA-binding transcriptional activator and regulates the heat-shock protein 70 (HSP70) promoter in a CCAAT-dependent manner. The protein is also involved in cell growth and differentiation, particularly, hematopoietic differentiation. Methylation of the promoter of this gene or mutations within the gene may be correlated with occurrence of acute myeloid leukemia (AML). [provided by RefSeq, Jun 2016],function:Stimulates transcription from the HSP70 promoter.,similarity:Belongs to the CBF/MAK21 family.,

Research Area

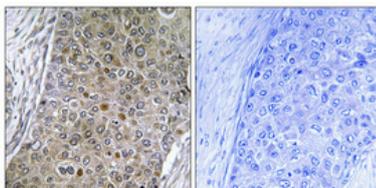
Image Data



Western blot analysis of lysates from COLO cells, using CEBPZ Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of various cells using C/EBP ζ Polyclonal Antibody.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.