

For Research Use Only

CEBPE Recombinant monoclonal antibody

Catalog Number: 86432-1-RR



Basic Information

| | | | | | |
|---------------------------|------------|---------------------------|---|------------------------|--|
| Catalog Number: | 86432-1-RR | GenBank Accession Number: | BC035797 | Purification Method: | Protein A purification |
| Source: | Rabbit | GenID (NCBI): | 1053 | CloneNo.: | 251303B10 |
| Isotype: | IgG | UNIPROT ID: | Q15744 | Recommended Dilutions: | WB: 1:500-1:2000 IF/ICC: 1:250-1:1000 |
| Immunogen Catalog Number: | AG5589 | Full Name: | CCAAT/enhancer binding protein (C/EBP), epsilon | | |
| | | Calculated MW: | 31 kDa | | |
| | | Observed MW: | 31-38 kDa | | |

Applications

| | | | |
|----------------------|-------------------|--------------------|---------------------------|
| Tested Applications: | WB, IF/ICC, ELISA | Positive Controls: | |
| Species Specificity: | human | WB: | Jurkat cells, HL-60 cells |

WB: Jurkat cells, HL-60 cells

IF/ICC: HepG2 cells, A431 cells, HeLa cells

Background Information

CEBPE (CCAAT/enhancer binding protein epsilon), also known as C/EBP-epsilon and CRP1, is a transcription factor involved in late myeloid lineage differentiation and cellular function (PMID: 31201888). CEBPE is expressed in a stage-specific manner during myeloid differentiation and regulates transition from the promyelocyte to the myelocyte (PMID: 29773596). Depletion of CEBPE in Acute lymphoblastic leukaemia (ALL) cells reduces cell growth, correspondingly CEBPE binds to the promoters of electron transport and energy generation genes (PMID: 29977016).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

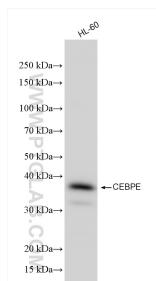
T: 4006900926

E: Proteintech-CN@ptglab.com

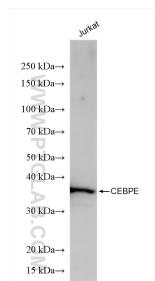
W: ptgcn.com

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

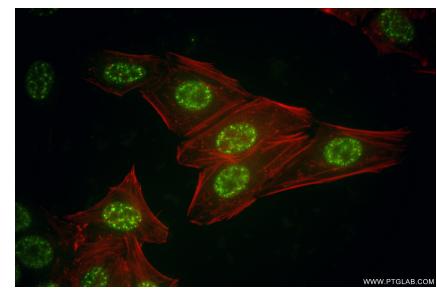
Selected Validation Data



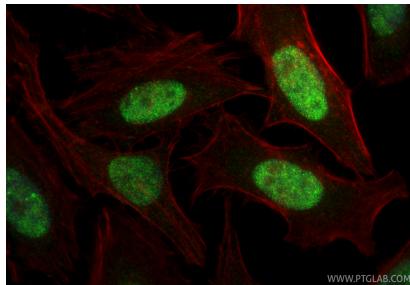
HL-60 cells were subjected to SDS PAGE followed by western blot with 86432-1-RR (CEBPE antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Jurkat cells were subjected to SDS PAGE followed by western blot with 86432-1-RR (CEBPE antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CEBPE antibody (86432-1-RR, Clone: 251303B10) at dilution of 1:500 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CEBPE antibody (86432-1-RR, Clone: 251303B10) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).