

For Research Use Only

CEBPE Recombinant monoclonal antibody, PBS Only

Catalog Number: 86432-1-PBS



Basic Information

Catalog Number:	86432-1-PBS	GenBank Accession Number:	BC035797	Purification Method:	Protein A purification
Size:	1000ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	1053	CloneNo.:	251303B10
Source:	Rabbit	UNIPROT ID:	Q15744	Full Name:	CCAAT/enhancer binding protein (C/EBP), epsilon
Isotype:	IgG	Calculated MW:	31 kDa	Observed MW:	31-38 kDa
Immunogen Catalog Number:	AG5589				

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

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

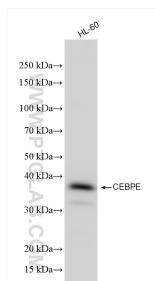
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

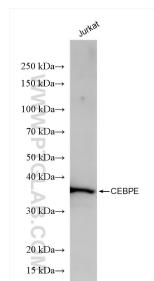
E: proteintech@ptglab.com
W: ptglab.com

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

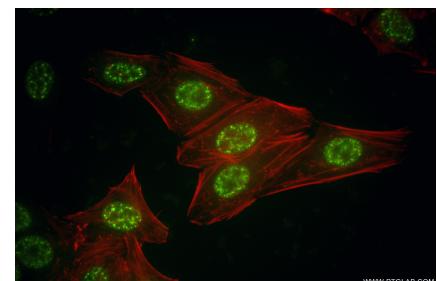
Selected Validation Data



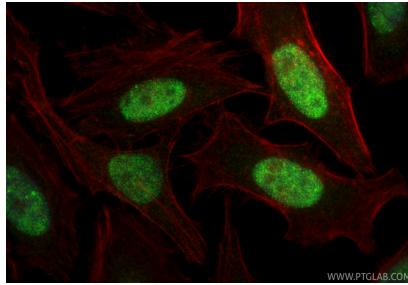
HL-60 cells were subjected to SDS PAGE followed by western blot with 86432-1-RR (CEBPE antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86432-1-PBS in a different storage buffer formulation.



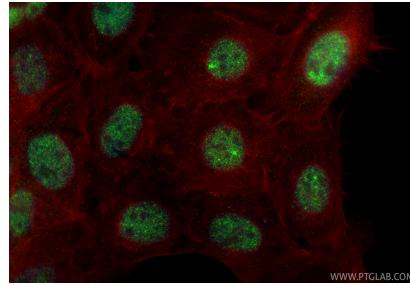
Jurkat cells were subjected to SDS PAGE followed by western blot with 86432-1-RR (CEBPE antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86432-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 86432-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 86432-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 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). This data was developed using the same antibody clone with 86432-1-PBS in a different storage buffer formulation.