

Rabbit anti-Human C/EBP-epsilon Polyclonal Antibody | anti-CEBPE antibody

C/EBP-epsilon Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320750	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

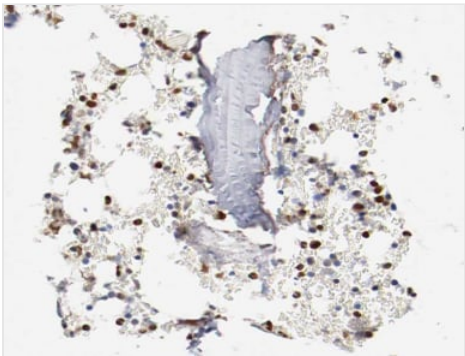
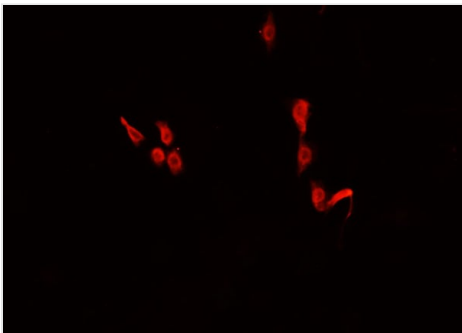
PRODUCT SYNONYMS

C/EBP-epsilon; Polyclonal Antibody; C/EBP-epsilon Antibody; C/EBP epsilon; CCAAT/enhancer binding protein (C/EBP) epsilon; CCAAT/enhancer binding protein epsilon; CCAAT/enhancer-binding protein epsilon; CEBPE; CEBPE_HUMAN; CRP 1; CRP1; anti-CEBPE antibody

PRODUCT SPECIFICATIONS

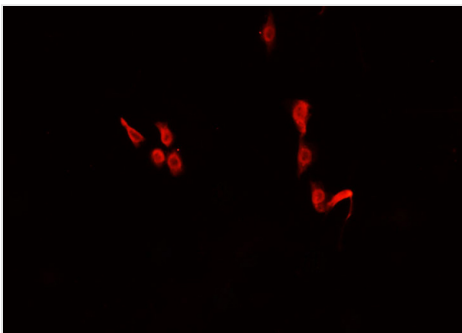
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	C/EBP-epsilon antibody detects endogenous levels of total C/EBP-epsilon
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	281
Applicable Applications for anti-CEBPE antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human C/EBP-epsilon
Subcellular Location	Nucleus.
Tissue Specificity	Strongest expression occurs in promyelocyte and late-myeloblast-like cell lines.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

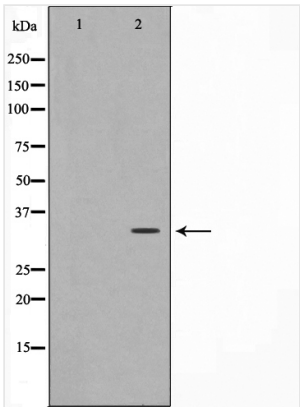


IF (Immunofluorescence)
AAA320750 staining U-2 OS cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

IHC (Immunohistochemistry)
AAA320750 at 1/200 staining human Bone marrow tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)
AAA320750 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis on HuvEc cell lysate using C/EBP-epsilon Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CEBPε antibody	Description: C/EBP-epsilon C/EBP are DNA-binding proteins that recognize two different motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers. Belongs to the bZIP family. C/EBP subfamily. Function: Transcriptional activator (PubMed:26019275). C/EBP are DNA-binding proteins that recognize two different motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers. Required for the promyelocyte-myelocyte transition in myeloid differentiation (PubMed:10359588). Subunit Structure: Binds DNA as a homodimer and as a heterodimer (PubMed:26019275). Can form stable heterodimers with CEBPA, CEBPB and CEBPD (By similarity). Interacts with GATA1 AND SPI1 (PubMed:26019275). Interacts with SMARCD2 (PubMed:28369036). Post-translational Modifications: Phosphorylated. Similarity: Belongs to the bZIP family. C/EBP subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28872800
NCBI GeneID	1053
NCBI Accession #	NP_001796.2
NCBI GenBank Nucleotide #	NM_001805.3
UniProt Accession #	Q15744; Q15745; Q8IYI2; Q99803

Molecular Weight	Observed: 34 kDa Predicted: 31 kDa
NCBI Official Full Name	CCAAT/enhancer-binding protein epsilon
NCBI Official Synonym Full Names	CCAAT enhancer binding protein epsilon
NCBI Official Symbol	CEBPE
NCBI Official Synonym Symbols	CRP1; C/EBP-epsilon
NCBI Protein Information	CCAAT/enhancer-binding protein epsilon
UniProt Protein Name	CCAAT/enhancer-binding protein epsilon
UniProt Gene Name	CEBPE
UniProt Synonym Gene Names	C/EBP epsilon

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/c-ebp-epsilon-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320750>