

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

Phospho-C/EBP epsilon (ser181) Antibody

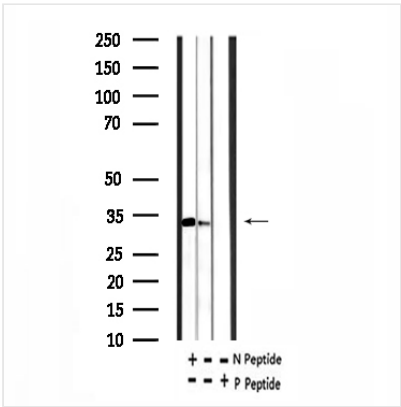
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328522	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

C/EBP epsilon; Polyclonal Antibody; Phospho-C/EBP epsilon (ser181) Antibody; CCAAT/enhancer binding protein (C/EBP) epsilon; CCAAT/enhancer binding protein epsilon; CCAAT/enhancer-binding protein epsilon; CEBPE; CEBPE_HUMAN; CRP 1; CRP1; anti-C/EBP epsilon antibody

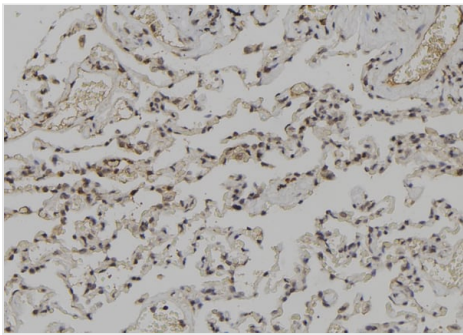
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-C/EBP-epsilon (ser181) Antibody detects endogenous levels of C/EBP-epsilon only when phosphorylated at ser181.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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-C/EBP epsilon antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human C/EBP-epsilon around the phosphorylation site of ser181.
Tissue Specificity	Strongest expression occurs in promyelocyte and late-myeloblast-like cell lines.
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



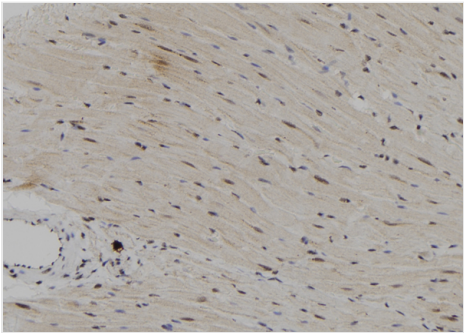
WB (Western Blot)

Western blot analysis of Phospho-C/EBP (ser181) in lysates of HuvEc , using Phospho-C/EBP (ser181) Antibody.



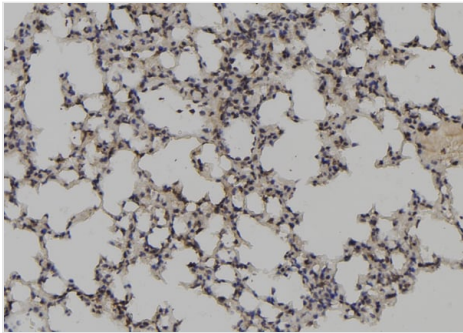
IHC (Immunohistochemistry)

At 1/100 staining human lung cancer 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



IHC (Immunohistochemistry)

At 1/100 staining rat heart 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



IHC (Immunohistochemistry)

At 1/100 staining mouse lung 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

ADDITIONAL INFORMATION

Related Product Information for anti-C/EBP epsilon antibody	Description: 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).
	Post Translational Modifications: Phosphorylated.
	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).
	Similarity: Belongs to the bZIP family. C/EBP subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872800
NCBI GeneID	1053
NCBI Accession #	NP_001796.2
NCBI GenBank Nucleotide #	NP_001796.2
UniProt Accession #	Q15744

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
UniProt Entry Name	CEBPE_HUMAN

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-peptide-elisa-immunohistochemistry-western-blot-elisa/328522>