

C/EBP-ε (Phospho-Thr74) Antibody

Catalog No: #11686

Package Size: #11686-1 50ul #11686-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

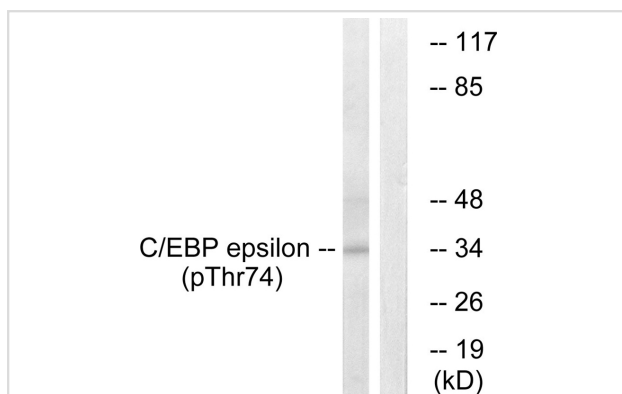
Description

Product Name	C/EBP-ε (Phospho-Thr74) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of C/EBP-ε only when phosphorylated at threonine 74
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 174 (L-A-T(p)-A-A) derived from Human C/EBP-ε.
Target Name	C/EBP-ε
Modification	Phospho
Other Names	CEBPE; C/EBP epsilon; CCAAT/enhancer binding protein epsilon;
Accession No.	Swiss-Prot#: Q15744; NCBI Gene#: 1053; NCBI Protein#: NP_001796.2.
Uniprot	Q15744
GeneID	1053;
SDS-PAGE MW	34kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HUVEC cells treated with UV using C/EBP-ε (Phospho-Thr74) Antibody #11686. The lane on the right is treated with the antigen-specific peptide.

Background

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.

Arati Khanna-Gupta. PNAS, Jul 2001; 98: 8000.

Dazhong Zhuang. J. Biol. Chem., Apr 2006; 281: 10745 - 10751.

Julie A. Lekstrom-Himes. Stem Cells, Mar 2001; 19: 125 - 133.

Ryuya Yamanaka. PNAS, Nov 1997; 94: 13187.

Note: This product is for in vitro research use only