

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

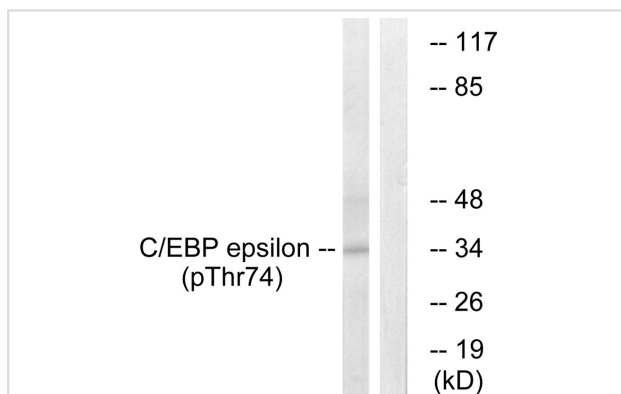
Description

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
| 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 and is not intended for use in humans or animals.