

## Anti-C/EBP epsilon (pT74) Antibody

Rabbit polyclonal antibody to C/EBP epsilon (pT74) Catalog # AP61071

## **Specification**

## Anti-C/EBP epsilon (pT74) Antibody - Product Information

Application WB, IF/IC, IHC

Primary Accession Q15744
Other Accession Q6PZD9

Reactivity Human, Mouse, Rat, SARS

Host Rabbit
Clonality Polyclonal
Calculated MW 30603

# Anti-C/EBP epsilon (pT74) Antibody - Additional Information

#### **Gene ID 1053**

#### **Other Names**

CCAAT/enhancer-binding protein epsilon; C/EBP epsilon

### Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human C/EBP epsilon. The exact sequence is proprietary.

#### Dilution

WB~~WB (1/500 - 1/1000), IH (1/50 - 1/100), IF/IC (1/100 - 1/500) IF/IC~~N/A IHC~~1:100~500

## **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

### Storage

Store at -20 °C. Stable for 12 months from date of receipt

## Anti-C/EBP epsilon (pT74) Antibody - Protein Information

### Name CEBPE

## **Function**

Transcriptional activator (PubMed:<a href="http://www.uniprot.org/citations/26019275" target="\_blank">26019275</a>). 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:<a href="http://www.uniprot.org/citations/10359588" target="\_blank">10359588</a>).



# **Cellular Location** Nucleus

#### **Tissue Location**

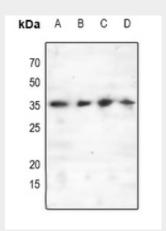
Strongest expression occurs in promyelocyte and late-myeloblast-like cell lines.

# Anti-C/EBP epsilon (pT74) Antibody - Protocols

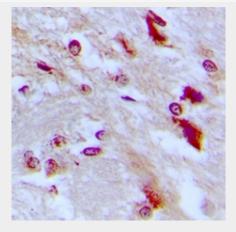
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Anti-C/EBP epsilon (pT74) Antibody - Images



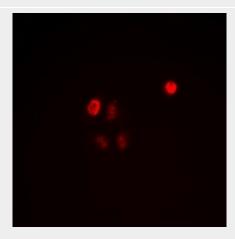
Western blot analysis of C/EBP epsilon (pT74) expression in Hela (A), mouse liver (B), Raw264.7 (C), rat liver (D) whole cell lysates.



Immunohistochemical analysis of C/EBP epsilon (pT74) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen



retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of C/EBP epsilon (pT74) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.

## Anti-C/EBP epsilon (pT74) Antibody - Background

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