

Product datasheet

Anti-CEBPE antibody ab59384

2 Images

Overview

<b>Product name</b>	Anti-CEBPE antibody
<b>Description</b>	Rabbit polyclonal to CEBPE
<b>Specificity</b>	This antibody detects endogenous levels of total CEBPE protein.
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthesized non-phosphopeptide derived from human CEBPE around the phosphorylation site of threonine 74.
<b>Positive control</b>	Human brain tissue and extracts from HuvEc cells.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	The antibody was affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab59384** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

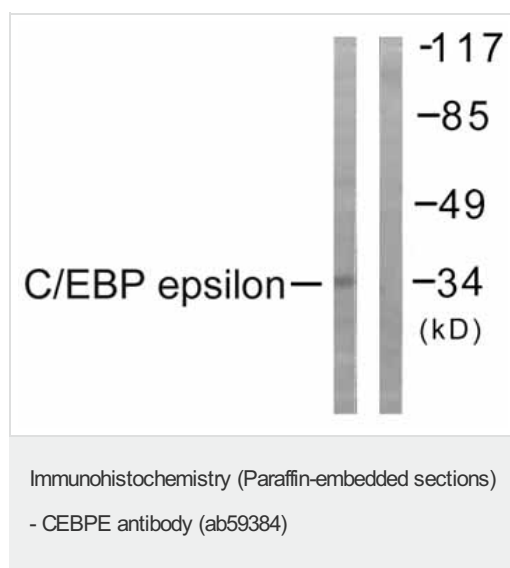
Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 34 kDa (predicted molecular weight: 31 kDa).
IHC-P		Use at an assay dependent concentration.

Application	Abreviews	Notes
ELISA		1/5000.

## Target

<b>Function</b>	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.
<b>Tissue specificity</b>	Strongest expression occurs in promyelocyte and late-myeloblast-like cell lines.
<b>Sequence similarities</b>	Belongs to the bZIP family. C/EBP subfamily. Contains 1 bZIP domain.
<b>Post-translational modifications</b>	Phosphorylated.
<b>Cellular localization</b>	Nucleus.

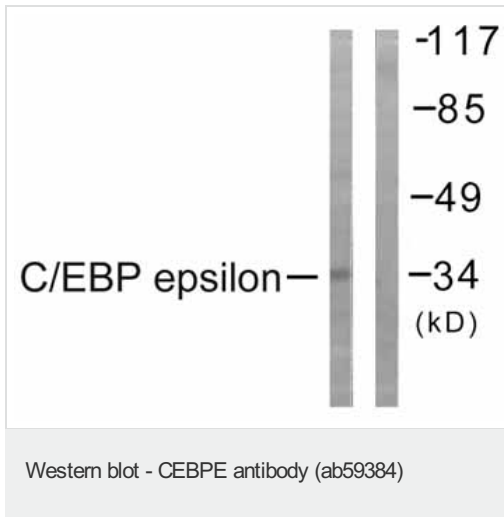
## Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue using ab59384 at a 1/50 dilution.

Left image un-treated.

Right image treated with peptide.



**All lanes :** Anti-CEBPE antibody (ab59384)  
at 1/500 dilution

**Lane 1 :** Extracts from HuvEc cells, treated  
with Insulin (0.01U /ml, 15mins).

**Lane 2 :** Extracts from HuvEc cells, treated  
with Insulin (0.01U /ml, 15mins) plus peptide.

**Predicted band size :** 31 kDa

**Observed band size :** 34 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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