

Product datasheet

Anti-CEBP Beta antibody ab53138

[7 References](#) [2 Images](#)

Overview

Product name	Anti-CEBP Beta antibody
Description	Rabbit polyclonal to CEBP Beta
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	A synthetic non-phosphopeptide derived from human CEBP Beta around the phosphorylation site of threonine 235 (P-G-T-P-S).
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 0.87% Sodium chloride, 50% Glycerol, PBS</p>
Purity	Without Mg+2 and Ca+2
Clonality	Immunogen affinity purified
Isotype	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab53138 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		1/300 - 1/1000. Detects a band of approximately 36 kDa (predicted molecular weight: 36 kDa).
IHC-P		Use at an assay dependent concentration.

Target

Function

Important transcriptional activator in the regulation of genes involved in immune and inflammatory responses. Specifically binds to an IL-1 response element in the IL-6 gene. NF-IL6 also binds to regulatory regions of several acute-phase and cytokines genes. It probably plays a role in the regulation of acute-phase reaction, inflammation and hemopoiesis. The consensus recognition site is 5'-T[**TG**]NNGNAA[**TG**]-3'. Functions in brown adipose tissue (BAT) differentiation.

Tissue specificity

Expressed at low levels in the lung, kidney and spleen.

Sequence similarities

Belongs to the bZIP family. C/EBP subfamily.
Contains 1 bZIP domain.

Domain

the 9aaTAD motif is a transactivation domain present in a large number of yeast and animal transcription factors.

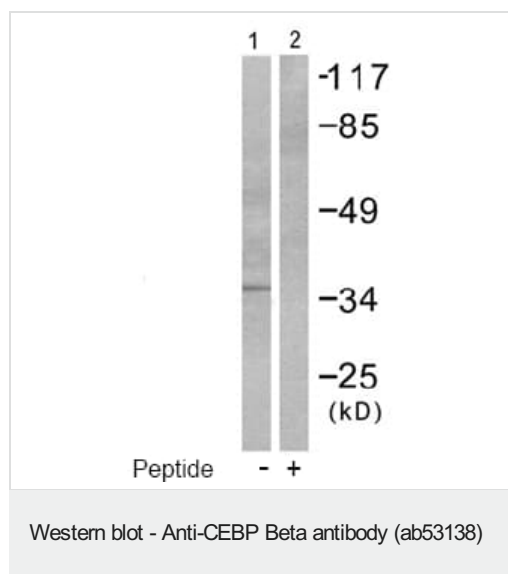
Post-translational modifications

Sumoylated by polymeric chains of SUMO2 or SUMO3.

Cellular localization

Nucleus.

Images



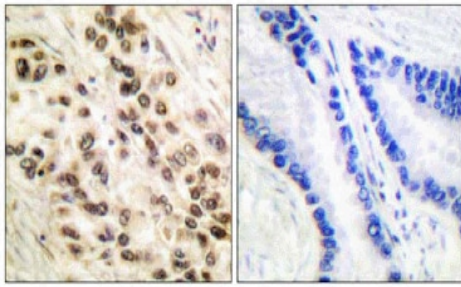
All lanes : Anti-CEBP Beta antibody (ab53138) at 1/300 dilution

Lane 1 : NIH/3T3 cell extract

Lane 2 : NIH/3T3 cell extract with immunizing peptide

Predicted band size: 36 kDa

Observed band size: 36 kDa



Peptide - +

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CEBP Beta antibody (ab53138)

ab53138 at 1/50 dilution staining CEBP Beta in human lung carcinoma by Immunohistochemistry, Paraffin embedded tissue, in the absence or presence of the immunising peptide.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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