

Datasheet for ABIN6138380  
**anti-CEBPA antibody (AA 1-205)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	CEBPA
Binding Specificity:	AA 1-205
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEBPA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-205 of human CEBPA (NP_004355.2).
Sequence:	MESADFYAE PRPPMSSHLQ SPPHAPSSAA FGPRGAGPA QPPAPPAPE PLGGICEHET SIDISAYIDP AAFNDEFLAD LFQHSRQKEK AKAAGVPTGG GGGGDFDYPG APAGPGGAVM PGGAHGPPPG YGCAAAGYLD GRLEPLYERV GAPALRPLVI KQEPREDEEA KQLALAGLFP YQPPPPPPPS HPHPHPPPAH LAAPH
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

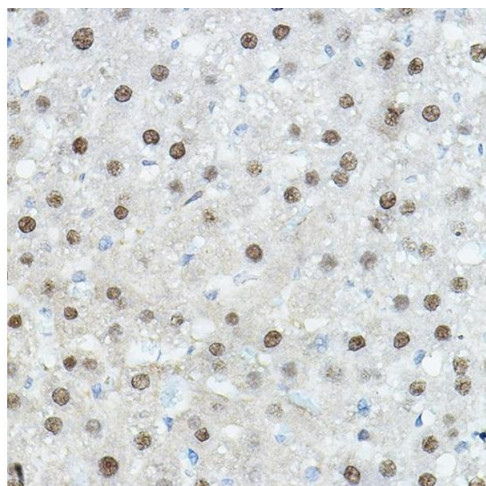
Target:	CEBPA
Alternative Name:	CEBPA ( <a href="#">CEBPA Products</a> )
Background:	<p>This intronless gene encodes a transcription factor that contains a basic leucine zipper (bZIP) domain and recognizes the CCAAT motif in the promoters of target genes. The encoded protein functions in homodimers and also heterodimers with CCAAT/enhancer-binding proteins beta and gamma. Activity of this protein can modulate the expression of genes involved in cell cycle regulation as well as in body weight homeostasis. Mutation of this gene is associated with acute myeloid leukemia. The use of alternative in-frame non-AUG (GUG) and AUG start codons results in protein isoforms with different lengths. Differential translation initiation is mediated by an out-of-frame, upstream open reading frame which is located between the GUG and the first AUG start codons.,CEBPA,C/EBP-alpha,CEBP,Epigenetics &amp; Nuclear Signaling,Transcription Factors,Cancer,Signal Transduction,Endocrine &amp; Metabolism,Cardiovascular,Lipids,Fatty Acids,CEBPA</p>
Molecular Weight:	25 kDa/35 kDa/37 kDa/41 kDa
Gene ID:	1050
UniProt:	<a href="#">P49715</a>
Pathways:	<a href="#">Brown Fat Cell Differentiation</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

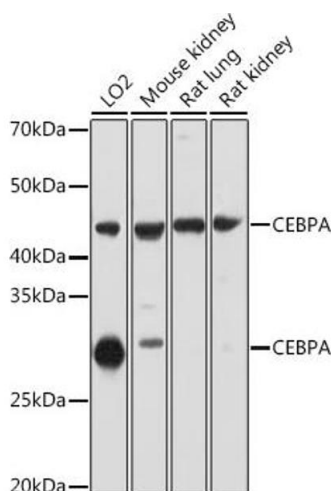
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



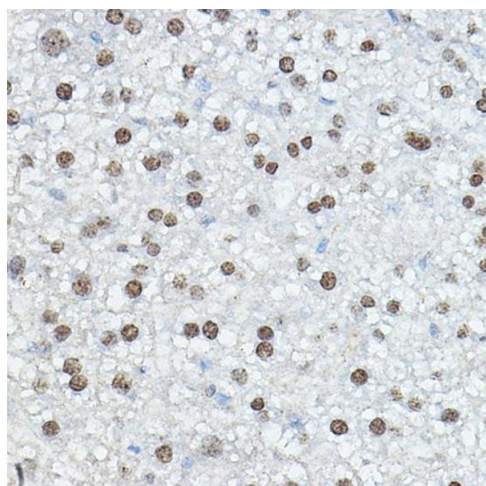
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded Mouse liver using CEBPA Rabbit pAb (ABIN6131380, ABIN6138380, ABIN6138381 and ABIN6214018) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using CEBPA antibody (ABIN6131380, ABIN6138380, ABIN6138381 and ABIN6214018) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded Rat liver using CEBPA Rabbit pAb (ABIN6131380, ABIN6138380, ABIN6138381 and ABIN6214018) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6138380.