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# anti-CEBPB antibody

2 Images



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#### Overview

Quantity:	200 μL
Target:	CEBPB
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEBPB antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide of human CEBPB
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## **Target Details**

Target:	CEBPB
Alternative Name:	CEBP beta (CEBPB Products)
Background:	The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a
	homodimer to certain DNA regulatory regions. It can also form heterodimers with the related
	proteins CEBP-alpha, CEBP-delta, and CEBP-gamma. The encoded protein is important in the
	regulation of genes involved in immune and inflammatory responses and has been shown to

#### **Target Details**

bind to the IL-1 response element in the IL-6 gene, as well as to regulatory regions of several acute-phase and cytokine genes. In addition, the encoded protein can bind the promoter and upstream element and stimulate the expression of the collagen type I gene.

NCBI Accession: NP\_005185

UniProt: P17676

Pathways: Interferon-gamma Pathway, Autophagy, Brown Fat Cell Differentiation

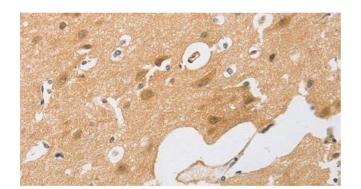
#### **Application Details**

Application Notes: IHC 1:50-1:200

Restrictions: For Research Use only

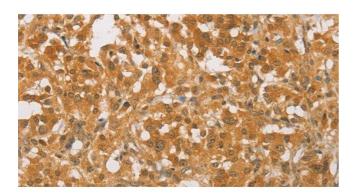
#### Handling

Format:	Liquid
Concentration:	0.8 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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 (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human brain tissue using CEBP beta Polyclonal Antibody at dilution 1:60



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CEBP beta Polyclonal Antibody at dilution 1:60