

Datasheet for ABIN7266158
anti-CEBPB antibody



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1 Image

Overview

Quantity:	100 µL
Target:	CEBPB
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CEBPB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	C/EBPB Rabbit mAb
Immunogen:	A synthesized peptide derived from human C/EBPB.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CEBPB
Alternative Name:	CEBPB (CEBPB Products)
Background:	This intronless gene encodes a transcription factor that contains a basic leucine zipper (bZIP)

Target Details

domain. The encoded protein functions as a homodimer but can also form heterodimers with CCAAT/enhancer-binding proteins alpha, delta, and gamma. Activity of this protein is important in the regulation of genes involved in immune and inflammatory responses, among other processes. The use of alternative in-frame AUG start codons results in multiple protein isoforms, each with distinct biological functions. [provided by RefSeq, Oct 2013],C/EBP-beta,IL6DBP,NF-IL6,TCF5,CEBP beta,CEBPB,Apoptosis,Cardiovascular,Cell Adhesion,Cell Biology & Developmental Biology,Endocrine & Metabolism,Endocrine and metabolic diseases,Endocrine and metabolic diseases_Diabetes,Epigenetics & Nuclear Signaling,Heart,Heart_Hypertrophy,IL-6 Receptor Signaling Pathway,Immunology & Inflammation,MAPK-Erk Signaling Pathway,Protein phosphorylation,Signal Transduction,Transcription Factors,Wnt/ β -Catenin Signaling Pathway,CEBPB

Molecular Weight: 36kDa

Gene ID: 1051

UniProt: [P17676](#)

Pathways: [Interferon-gamma Pathway](#), [Autophagy](#), [Brown Fat Cell Differentiation](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

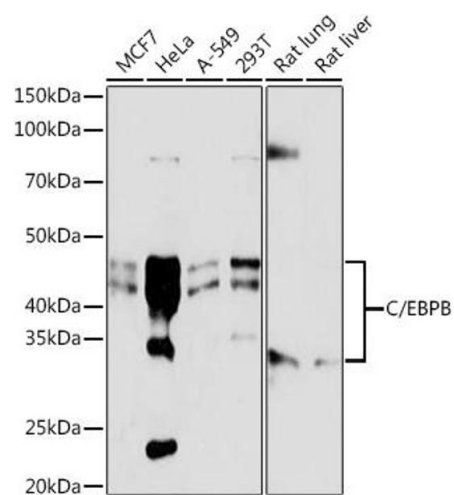
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using C/EBPB antibody (ABIN7266158) 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: 1s.