

CEBPB Antibody

Catalog No: #33697

Package Size: #33697-1 50ul #33697-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

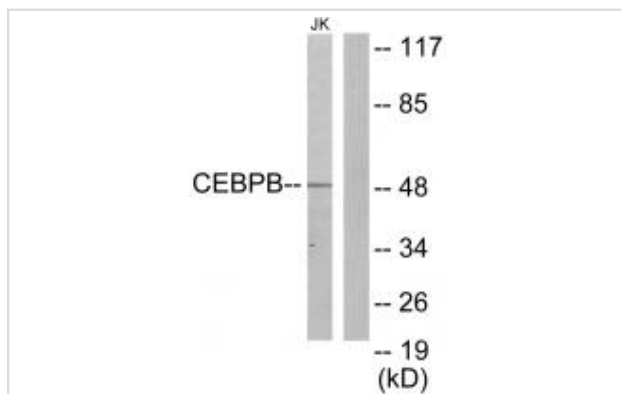
Description

Product Name	CEBPB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CEBPB protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CEBPB.
Target Name	CEBPB
Other Names	AGP/EBP; C/EBP beta; C/EBP-related protein 2; CCAAT/enhancer binding protein beta; CEBPB
Accession No.	Swiss-Prot: P17676NCBI Gene ID: 1051
SDS-PAGE MW	49kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Jurkat cells, using CEBPB antibody #33697.

Background

Important transcription factor regulating the expression of genes involved in immune and inflammatory responses. Binds to regulatory regions of

several acute-phase and cytokines genes and 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'. Plays an important role in adipose tissue differentiation. Regulates the transcriptional induction of peroxisome proliferator-activated receptor gamma (PPARG) as well as other adipogenesis key player genes. Isoform 3:acts as a dominant negative through heterodimerization with isoform 2.

Akira S., EMBO J. 9:1897-1906(1990).

Wan D., Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).

Deloukas P., Nature 414:865-871(2001).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.