

MaxPab®

CEBPA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001050-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CEBPA protein.
Immunogen	CEBPA (AAI60133.1, 1 a.a. ~ 358 a.a) full-length human protein.
Sequence	MESADFYEAEP RPPMSSHLQSPHPAPSSAAGFPRGAGPAQPPAPPAAPEPLGGICEHETSIDI SAYIDPAAFNDEFLADLFQHSRQQEKAKAAVGPTGGGGGGDFDYPGAPAGPGGAVMPGGAHG PPPGYGCAAAGYLDGRLEPLYERVGAPALRPLVIKQEPREDEAKQLALAGLFPYQPPPPPPPS HPHPHPPPAHLAAPHLQFQIAHCGQTTMHLQPGHPTPPTPVSPHPAPALGAAGLPGPSALK GLGAAHPDLRASGGSGAGKAKKSVDKNSNEYRVRERNNIAVRKSRDKAKQRNVETQQKVLEL TSDNDRLRKRVEQLSRELDTLRGIFRQLPESSLVKAMGNCA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — CEBPA

Entrez GeneID	1050
GeneBank Accession#	BC160133.1
Protein Accession#	AA160133.1
Gene Name	CEBPA
Gene Alias	C/EBP-alpha, CEBP
Gene Description	CCAAT/enhancer binding protein (C/EBP), alpha
Omim ID	116897 601626
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a homodimer to certain promoters and enhancers. It can also form heterodimers with the related proteins CEBP-beta and CEBP-gamma. The encoded protein has been shown to bind to the promoter and modulate the expression of the gene encoding leptin, a protein that plays an important role in body weight homeostasis. Also, the encoded protein can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells. [provided by RefSeq]
Other Designations	CCAAT/enhancer binding protein alpha

Pathway

- [Acute myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
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- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
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