



Mouse anti-Human CEBPG monoclonal antibody, clone 4B42B7 (CABT-B9940)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CEBPG (AAH13128, 1 a.a. ~ 151 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4B42B7
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	MSKISQQNSTPGVNGISVIHTQAHASGLQQVPQLVPAGPGGGKAVAPSKQSKKSSPMDR NSDEYRQRERRNNMAVKKSRLKSKQKAQDTLQRVNQLKEENERLEAKIKLLTKELSVLKD LFLEHAHNLADNVQSISTENTTADGDNAGQ*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The C/EBP family of transcription factors regulates viral and cellular CCAAT/enhancer element-
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mediated transcription. C/EBP proteins contain the bZIP region, which is characterized by two motifs in the C-terminal half of the protein: a basic region involved in DNA binding and a leucine zipper motif involved in dimerization. The C/EBP family consist of several related proteins, C/EBP alpha, C/EBP beta, C/EBP gamma, and C/EBP delta, that form homodimers and that form heterodimers with each other. CCAAT/enhancer binding protein gamma may cooperate with Fos to bind PRE-I enhancer elements. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Nov 2011]

Keywords	CEBPG; CCAAT/enhancer binding protein (C/EBP), gamma; GPE1BP; IG/EBP-1; CCAAT/enhancer-binding protein gamma; c/EBP gamma;
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GENE INFORMATION

Entrez Gene ID	1054
UniProt ID	P53567
Pathway	Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem
Function	DNA binding; double-stranded DNA binding; protein binding; protein heterodimerization activity; sequence-specific DNA binding; transcription factor binding
