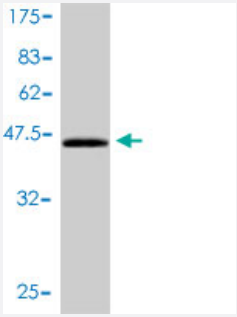
CEBPG monoclonal antibody (M01), clone 3A3-1A6

Catalog # H00001054-M01 Size 100 ug

Applications



Western Blot detection against Immunogen (42.24 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CEBPG.
Immunogen	CEBPG (AAH13128, 1 a.a. ~ 150 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSKISQQNSTPGVNGISVIHTQAHASGLQQVPQLVPAGPGGGGKAVAPSKQSKKSSPMDRNSD EYRQRRERNNMAVKKSRLKSKQKAQDTLQRVNQLKEENERLEAKIKLLTKELSVLKDLFLEHAHN LADNVQSISTENTTADGDNAGQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (93)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (42.24 KDa) .
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 (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — CEBPG

Entrez GeneID	1054
GeneBank Accession#	BC013128
Protein Accession#	AAH13128
Gene Name	CEBPG
Gene Alias	GPE1BP, IG/EBP-1
Gene Description	CCAAT/enhancer binding protein (C/EBP), gamma
Omim ID	138972
Gene Ontology	Hyperlink
Gene Summary	The C/EBP family of transcription factors regulates viral and cellular CCAAT/enhancer element-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. [provided by RefSeq
Other Designations	CCAAT/enhancer binding protein gamma

Publication Reference

- CEBPG regulates ERCC5/XPG expression in human bronchial epithelial cells and this regulation is modified by E2F1/YY1 interactions.

  Crawford EL, Blomquist T, Mullins DN, Yoon Y, Hernandez DR, Al-Bagdhadi M, Ruiz J, Hammersley J, Willey JC.

  Carcinogenesis 2007 Sep; 28(12):2552.

  Application: Func, WB, Human, H23 cells