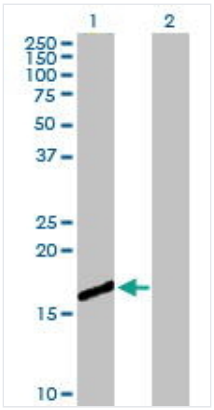
CEBPG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CEBPG, Polyclonal Antibody
Full Product Name	CEBPG (CCAAT/Enhancer-binding Protein gamma, C/EBP gamma) (HRP)
Product Gene Name	anti-CEBPG antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CEBPG.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of pe recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	16,408 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (33864575..33873592). Location: 19q13.11
OMIM	138972
3D Structure	ModBase 3D Structure for P53567
Immunogen	Full length human CEBPG, aa1-150 (NP_001797.1).
Immunogen Sequence	MSKISQQNSTPGVNGISVIHTQAHASGLQQVPQLVPAGPGGGGKAVAPSKQSKKSSPMDRNSDEYRQRRERNNMAVKKSRLKSKQKAQDTLQRVNQL
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-CEBPG antibody	Antibodies; DNA Repair/Damage
Applications Tested/Suitable for anti-CEBPG antibody	Western Blot (WB)
Application Notes for anti-CEBPG antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-CEBPG antibody	Transcription factor that binds to the enhancer element PRE-I (positive regulatory element-I) of the IL-4 gene. Might change the DNA-binding specificity
Other Notes	Small volumes of anti-CEBPG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CEBPG purchase	MBS6373613 is an antibody targeting CEBPG. Also known as CEBPG (CCAAT/Enhancer-binding Protein gamma, C/EBP gamma) (HRP). Reactive in



Western Blot (WB) of anti-CEBPG antibody
Western Blot analysis of CEBPG expression in transfected 293T cell line by CEBPG polyclonal antibody. Lane 1: CEBPG transfected lysate (16.4kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CEBPG. It may not necessarily be applicable to this product.

NCBI GI #	4502769
NCBI GeneID	1054
NCBI Accession #	NP_001797.1
UniProt Primary Accession #	P53567
UniProt Secondary Accession #	Q5U052; B2R946
UniProt Related Accession #	P53567
GenBank Nucleotide #	NM_001806.2
NCBI Official Full Name	CCAAT/enhancer-binding protein gamma
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein (C/EBP), gamma
NCBI Official Symbol	CEBPG
NCBI Official Synonym Symbols	GPE1BP; IG/EBP-1
UniProt Protein Name	CCAAT/enhancer-binding protein gamma
Protein Family	CCAAT/enhancer-binding protein
UniProt Gene Name	CEBPG
UniProt Synonym Gene Names	C/EBP gamma
UniProt Entry Name	CEBPG_HUMAN
NCBI Protein Information	CCAAT/enhancer-binding protein gamma; c/EBP gamma

NCBI Summary for CEBPG	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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Nov 2011]
UniProt Comments for CEBPG	C/EBP-gamma: Transcription factor that binds to the enhancer element PRE-I (positive regulatory element-I) of the IL-4 gene. Might change the DNA-binding specificity of other transcription factors and recruit them to unusual DNA sites. Belongs to the bZIP family. C/EBP subfamily. Protein type: Transcription factor; Motility/polarity/chemotaxis; DNA-binding Chromosomal Location of Human Ortholog: 19q13.11 Cellular Component: nucleoplasm; nucleus Molecular Function: protein binding; DNA binding; sequence-specific DNA binding; protein heterodimerization activity; double-stranded DNA binding; transcription factor binding Biological Process: positive regulation of DNA repair; transcription, DNA-dependent; natural killer cell mediated cytotoxicity; negative regulation of transcription factor activity; enucleate erythrocyte differentiation; liver development; mRNA metabolic process; regulation of transcription from RNA polymerase II promoter; B cell differentiation; positive regulation of transcription factor activity; positive regulation of transcription from RNA polymerase II promoter; immune response; positive regulation of interferon-gamma biosynthetic process; positive regulation of DNA binding
Research Articles on CEBPG	**1.** CEBPG mediates the myeloid differentiation arrest induced by CEBPA deficiency in acute myeloid leukemia.
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