

Rabbit anti-Human, mouse GFI1B Polyclonal Antibody | anti-GFI1B antibody

GFI1B Antibody (C-term)

CATALOG # AAA289174	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

GFI1B; Polyclonal Antibody; GFI1B Antibody (C-term); Zinc finger protein Gfi-1b; Growth factor independent protein 1B; Potential regulator of CDKN1A translocated in CML; anti-GFI1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GFI1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 302-330 amino acids from the C-terminal region of human GFI1B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	302-330
Sequence Length	284
Applicable Applications for anti-GFI1B antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

GFI1B Antibody (C-term) western blot analysis in HL-60,K562,U266cell line and mouse spleen lysates (35ug/lane).This demonstrates the GFI1B antibody detected the GFI1B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GFI1B antibody	Essential proto-oncogenic transcriptional regulator necessary for development and differentiation of erythroid and megakaryocytic lineages. Component of a RCOR-GFI-KDM1A-HDAC complex that suppresses, via histone deacetylase (HDAC) recruitment, a number of genes implicated in multilineage blood cell development and controls hematopoietic differentiation. Transcriptional repressor or activator depending on both promoter and cell type context; represses promoter activity of SOCS1 and SOCS3 and thus, may regulate cytokine signaling pathways. Cooperates with GATA1 to repress target gene transcription, such as the apoptosis regulator BCL2L1; GFI1B silencing in leukemic cell lines markedly increase apoptosis rate. Inhibits down-regulation of MYC and MYB as well as the cyclin-dependent kinase inhibitor CDKN1A/P21WAF1 in IL6-treated myelomonocytic cells. Represses expression of GATA3 in T-cell lymphomas and inhibits GATA1-mediated transcription; as GATA1 also mediates erythroid GFI1B transcription, both GATA1 and GFI1B participate in a feedback regulatory pathway controlling the expression of GFI1B gene in erythroid cells. Suppresses GATA1-mediated stimulation of GFI1B promoter through protein interaction. Binds to gamma-satellite DNA and to its own promoter, auto-repressing its own expression. Alters histone methylation by recruiting histone methyltransferase to target genes promoters. Plays a role in heterochromatin formation.
Product Categories/Family for anti-GFI1B antibody	Crown Antibodies; Cardiovascular
References	Roedel B., et al. Genomics 54:580-582(1998). Huang D.Y., et al. Nucleic Acids Res. 32:3935-3946(2004). Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Humphray S.J., et al. Nature 429:369-374(2004). Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	205277345
NCBI GeneID	8328
NCBI Accession #	NP_001128503.1; NP_004179.3
NCBI GenBank Nucleotide #	NM_001135031.1
UniProt Accession #	Q5VTD9; O95270; Q5VTD8; Q6FHZ2; Q6T888
Molecular Weight	37492
NCBI Official Full Name	zinc finger protein Gfi-1b isoform 2
NCBI Official Synonym Full Names	growth factor independent 1B transcription repressor
NCBI Official Symbol	GFI1B
NCBI Official Synonym Symbols	BDPLT17; ZNF163B
NCBI Protein Information	zinc finger protein Gfi-1b
UniProt Protein Name	Zinc finger protein Gfi-1b
UniProt Gene Name	GFI1B
UniProt Entry Name	GFI1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gfi1b-antibody-western-blot-elisa/289174>