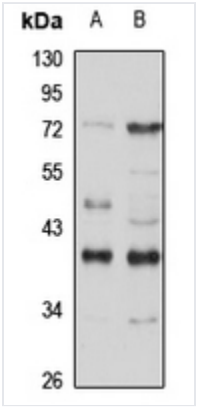
NMI Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Nmi, Polyclonal Antibody
Full Product Name	Anti-Nmi Antibody
Product Gene Name	anti-NMI antibody
Product Synonym Names	N-myc-interactor; Nmi; N-myc and STAT interactor
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of Nmi protein.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	35,057 Da
OMIM	603525
3D Structure	ModBase 3D Structure for Q13287
Immunogen	Recombinant fusion protein of human Nmi. The exact sequence is proprietary.
Applications Tested/Suitable for anti-NMI antibody	Western Blot (WB)
Application Notes for anti-NMI antibody	WB: 1:500-1:2000
Related Product Information for anti-NMI antibody	MBS8307457 is an antibody targeting NMI. Reactive in Human. Host: Rabbit. Rabbit polyclonal antibody to Nmi
Other Notes	Small volumes of anti-NMI antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-NMI antibody
Western blot analysis of Nmi expression in HepG2 (A), SW480 (B) whole cell lysates.

ADDITIONAL DETAILS

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

NCBI GI #	188219599
NCBI GeneID	9111
NCBI Accession #	NP_004679.2
UniProt Primary Accession #	Q13287
UniProt Secondary Accession #	Q53TI8; Q9BVE5; B5BU69
UniProt Related Accession #	Q13287
GenBank Nucleotide #	NM_004688.2
NCBI Official Full Name	N-myc-interactor
NCBI Official Synonym Full Names	N-myc (and STAT) interactor
NCBI Official Symbol	NMI
UniProt Protein Name	N-myc-interactor
UniProt Synonym Protein Names	N-myc and STAT interactor
Protein Family	N-myc-interactor
UniProt Gene Name	NMI
UniProt Synonym Gene Names	Nmi
UniProt Entry Name	NMI_HUMAN
NCBI Protein Information	N-myc-interactor; N-myc interactor
NCBI Summary for NMI	NMYC interactor (NMI) encodes a protein that interacts with NMYC and CMYC (two members of the oncogene Myc family), and other transcription factors containing a Zip, HLH, or HLH-Zip motif. The NMI protein also interacts with all STATs except STAT2 and augments STAT-mediated transcription in response to cytokines IL2 and IFN-gamma. The NMI mRNA has low expression levels in all human fetal and adult tissues tested except brain and has high expression in cancer cell line-myeloid leukemias. [provided by RefSeq, Jul 2008]
UniProt Comments for NMI	NMI: May be involved in augmenting coactivator protein recruitment to a group of sequence-specific transcription factors. Augments cytokine-mediated STAT transcription. Enhances CBP/p300 coactivator protein recruitment to STAT1 and STAT5. Belongs to the NMI family. Protein type: Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 2q23 Cellular Component: nucleoplasm; cytoplasm Molecular Function: protein binding; transcription cofactor activity Biological Process: transcription from RNA polymerase II promoter; inflammatory response; JAK-STAT cascade
Research Articles on NMI	**1.** identified NMI induction as a novel negative feedback mechanism that decreases IRE1alpha-dependent activation of JNK and apoptosis in cytokine-exposed beta cells
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