

anti-Human NMI Polyclonal Antibody | anti-NMI antibody

Anti-NMI Antibody

CATALOG # AAA46510	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	----------------------------	---

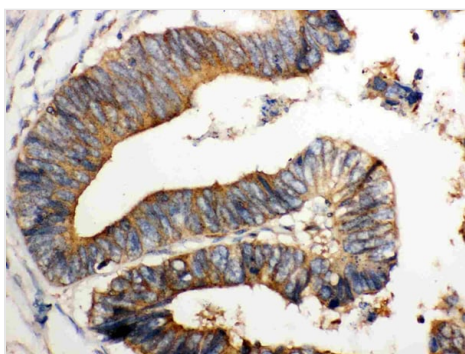
PRODUCT SYNONYMS

NMI; Polyclonal Antibody; Anti-NMI Antibody; N-myc-interactor; N myc (and STAT) interactor; N myc and STAT interactor; N myc interactor; NMYC and STAT interactor; NMYC interactor; N-myc (and STAT) interactor; anti-NMI antibody

PRODUCT SPECIFICATIONS

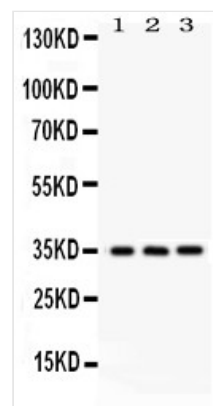
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	307
Applicable Applications for anti-NMI antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human NMI recombinant protein (Position: E2-E307). Human NMI shares 64% amino acid (aa) sequence identity with mouse NMI.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- NMI Picoband antibody, AAA46510, IHC(P)IHC(P): Human Intestinal Tissue



WB (Western Blot)

Anti- NMI Picoband antibody, AAA46510, Western blottingAll lanes: Anti NMI (AAA46510) at 0.5ug/mlLane 1: Human Placenta Tissue Lysate at 50ugLane 2: A549 Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugPredicted bind size: 35KDObserved bind size: 35KD

ADDITIONAL INFORMATION

Related Product Information for anti-NMI antibody	Description: Rabbit IgG polyclonal antibody for N-myc-interactor(NMI) detection. Tested with WB, IHC-P in Human. Background: 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.
References	1. Albihn A, et al. Camptothecin-induced apoptosis is enhanced by Myc and involves PKCdelta signaling. Int J Cancer, 2007 Oct 15. 2. Fillmore RA, et al. Nmi (N-Myc interactor) inhibits Wnt/beta-catenin signaling and retards tumor growth. Int J Cancer, 2009 Aug 1. 3. Lebrun SJ, et al. Interferon-induced upregulation and cytoplasmic localization of Myc-interacting protein Nmi. J Interferon Cytokine Res, 1998 Sep.

NCBI AND UNIPROT INFORMATION

NCBI GI #	188219599
NCBI GeneID	9111
NCBI Accession #	NP_004679.2
NCBI GenBank Nucleotide #	NM_004688.2
UniProt Accession #	Q13287; Q53TI8; Q9BVE5; B5BU69
Molecular Weight	35,057 Da
NCBI Official Full Name	N-myc-interactor
NCBI Official Synonym Full Names	N-myc and STAT interactor
NCBI Official Symbol	NMI
NCBI Protein Information	N-myc-interactor
UniProt Protein Name	N-myc-interactor
UniProt Gene Name	NMI
UniProt Synonym Gene Names	Nmi
UniProt Entry Name	NMI_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.