

## Rabbit NMI Polyclonal Antibody | anti-NMI antibody

NMI antibody - middle region

|                               |                       |                                                           |                                                           |
|-------------------------------|-----------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA198017</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Guinea Pig, Horse, Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------|-----------------------------------------------------------|

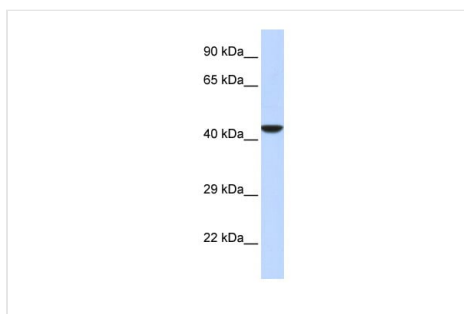
### PRODUCT SYNONYMS

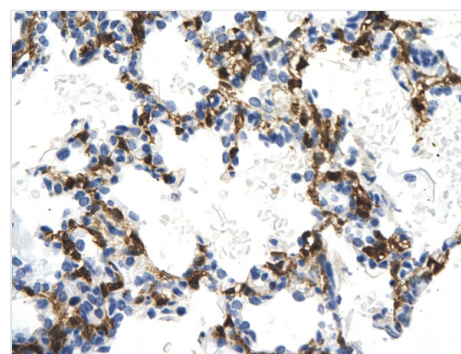
NMI; Polyclonal Antibody; NMI antibody - middle region; anti-NMI antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Guinea Pig, Horse, Human, Mouse, Rat                                                                                                                  |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Purity/Purification                           | Affinity Purified                                                                                                                                     |
| Form/Format                                   | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                      | Synthetic peptide with the following region: SF SKSRNGGGEV DRVDYDRQSG SAVITFVEIG VADKILKKKE YPLYINQT                                                  |
| Sequence Length                               | 307                                                                                                                                                   |
| Applicable Applications for anti-NMI antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                      | Guinea Pig: 79%; Horse: 79%; Human: 100%; Mouse: 86%; Rat: 86%                                                                                        |
| Immunogen                                     | The immunogen is a synthetic peptide directed towards the middle region of human NMI                                                                  |
| Preparation and Storage                       | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-NMI Antibody Titration: 0.2-1 ug/mL  
ELISA Titer: 1:312500  
Positive Control: Human Placenta

**IHC (Immunohistochemistry)**

Rabbit Anti-NMI antibody  
Paraffin Embedded Tissue: Human Lung cell  
Cellular Data: Epithelial cells of renal tubule  
Antibody Concentration: 4.0-8.0 ug/mL  
Magnification: 400X

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NMI antibody | <p>This is a rabbit polyclonal antibody against NMI. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: 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 high expression in myeloid leukemia cell lines. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| Product Categories/Family for anti-NMI antibody   | Polyclonal; Transcription Factor; Transcription Regulation; Lymphocyte Signaling; Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | 188219599                 |
| NCBI GeneID                      | 9111                      |
| NCBI Accession #                 | NP_004679                 |
| NCBI GenBank Nucleotide #        | NM_004688                 |
| UniProt Accession #              | Q13287                    |
| Molecular Weight                 | 35kDa                     |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nmi-antibody-western-blot-immunohistochemistry-elisa/198017>