

Datasheet for ABIN3043451  
**anti-NMI antibody (AA 2-307)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	NMI
Binding Specificity:	AA 2-307
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMI antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for N-myc-interactor(NMI) detection. Tested with WB, IHC-P in Human.
Immunogen:	E.coli-derived human NMI recombinant protein (Position: E2-E307). Human NMI shares 64% amino acid (aa) sequence identity with mouse NMI.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for N-myc-interactor(NMI) detection. Tested with WB, IHC-P in Human. Gene Name: N-myc (and STAT) interactor Protein Name: N-myc-interactor
Purification:	Immunogen affinity purified.

## Target Details

Target:	NMI
Alternative Name:	NMI ( <a href="#">NMI Products</a> )
Background:	<p>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.</p> <p>Synonyms: N myc (and STAT) interactor antibody N myc and STAT interactor antibody N myc interactor antibody NMI antibody NMYC and STAT interactor antibody NMYC interactor antibody</p>
Gene ID:	9111
UniProt:	<a href="#">Q13287</a>

## Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, The detection limit for NMI is approximately 0.1 ng/lane under reducing conditions.</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

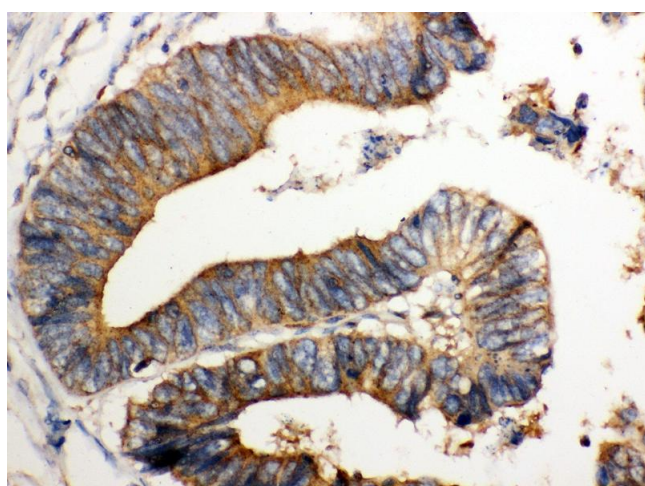
## Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.

## Handling

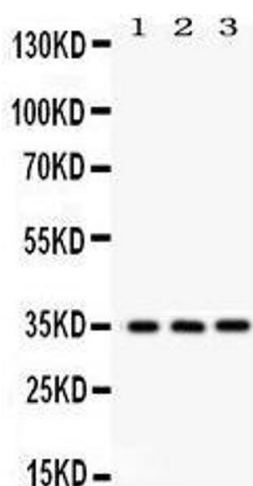
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

## Images



### Immunohistochemistry

**Image 1.** IHC(P): Human Intestinal Tissue



### Western Blotting

**Image 2.** Anti- NMI Picoband antibody, Western blotting All lanes: Anti NMI at 0.5ug/ml Lane 1: Human Placenta Tissue Lysate at 50ug Lane 2: A549 Whole Cell Lysate at 40ug Lane 3: HELA Whole Cell Lysate at 40ug Predicted bind size: 35KD Observed bind size: 35KD