



Rabbit Anti-N myc interactor antibody

SL18979R

Product Name:	N myc interactor
Chinese Name:	致癌基因N myc相互作用因子抗体
Alias:	N myc (and STAT) interactor; N myc and STAT interactor; N myc interactor; NMI; NMI_HUMAN; NMYC and STAT interactor; NMYC interactor; N-myc-interactor; N-myc and STAT interactor.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	35kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human N myc interactor:51-150/307
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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]

Function:

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.

Subunit:

Interacts with MYCN and MYC, as well as with other transcription factors with a Zip, HLH or a HLH-Zip motif. Interacts with all STAT proteins except STAT2.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Expressed in all adult and fetal tissues except brain and skin. More abundant in fetal tissues especially liver.

Similarity:

Belongs to the NMI family.

SWISS:

Q13287

Gene ID:

9111

Database links:

[Entrez Gene: 9111](#) Human

[Omim: 603525](#) Human

[SwissProt: Q13287](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.