

# Product Datasheet

## NMNAT-1 Antibody - BSA Free NBP1-52973

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 2

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**NBP1-52973**

NMNAT-1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	32 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	64802
Gene Symbol	NMNAT1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in multiple pieces of scientific literature.
Immunogen	Synthetic peptides corresponding to NMNAT-1 (nicotinamide nucleotide adenylyltransferase 1). The peptide sequence was selected from the N terminal of NMNAT1 (NP_073624). Peptide sequence PVGDAYKKKGLIPAYHRVIMAEELATKNSKWVEVDTWESLQKEWKETLKV. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml



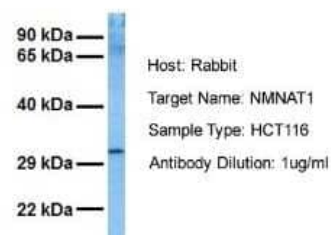
## Images

Western Blot: NMNAT-1 Antibody [NBP1-52973] - Recommended Titration: 0.25 ug/ml Positive Control: HepG2 cell lysate



Western Blot: NMNAT-1 Antibody [NBP1-52973] - Sample Tissue: Human HCT116 Antibody Dilution: 1.0 ug/ml

### NMNAT1



## Publications

Hikosaka K, Ikutani M, Shito M et al. Deficiency of Nicotinamide Mononucleotide Adenylyltransferase 3 (Nmnat3) Causes Hemolytic Anemia by Altering the Glycolytic Flow in Mature Erythrocytes. J. Biol. Chem. 2014-04-16 [PMID: 24739386] (WB, Mouse)

Gomes AP, Price NL, Ling AJ et al. Declining NAD<sup>+</sup> Induces a Pseudohypoxic State Disrupting Nuclear-Mitochondrial Communication during Aging. Cell 2013-12-19 [PMID: 24360282] (WB, Mouse)





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-59928-10ug	Recombinant Mouse NMNAT-1 His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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