# **Product Datasheet**

# NAPRT1 Antibody - BSA Free NBP1-87244

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

**Publications: 1** 

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NBP1-87244

Updated 2/21/2025 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications
Submit a review at www.novusbio.com/reviews/destination/NBP1-87244



#### NBP1-87244

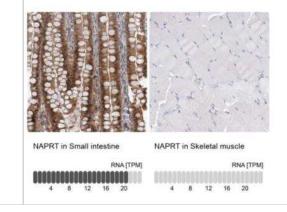
NAPRT1 Antibody - BSA Free

NAPRT1 Antibody - BSA Free	
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	57 kDa
Product Description	
Host	Rabbit
Gene ID	93100
Gene Symbol	NAPRT
Species	Human, Mouse, Chinese Hamster
Reactivity Notes	Chinese Hamster, Mouse reactivity reported in scientific literature (PMID: 24204194).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PAFFEHLRALDCSEVTVRALPEGSLAFPGVPLLQVSGPLLVVQLLETPLLCLVS YASLVATNAARLRLIAGP
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated Validated for

# Knockdown from a verified customer review. **Application Notes** For IHC-Paraffin, HIER pH 6 retrieval is recommended.

# **Images**

Immunohistochemistry-Paraffin: NAPRT1 Antibody [NBP1-87244] -Analysis in human small intestine and skeletal muscle tissues using NBP1-87244 antibody. Corresponding NAPRT RNA-seq data are presented for the same tissues.

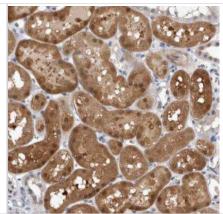




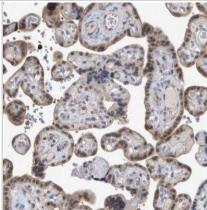
Page 2 of 4 v.20.1 Updated 2/21/2025 Immunohistochemistry-Paraffin: NAPRT1 Antibody [NBP1-87244] -Staining of human colon, kidney, lymph node and urinary bladder using Anti-NAPRT antibody NBP1-87244 (A) shows similar protein distribution across tissues to independent antibody NBP1-87243 (B). Western Blot: NAPRT1 Antibody [NBP1-87244] - Analysis using Anti-NAPRT antibody NBP1-87244 (A) shows similar pattern to independent antibody NBP1-87243 (B). Immunohistochemistry-Paraffin: NAPRT1 Antibody [NBP1-87244] -Staining of human skeletal muscle shows no positivity in myocytes as expected. Immunohistochemistry-Paraffin: NAPRT1 Antibody [NBP1-87244] -Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



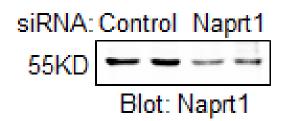
Immunohistochemistry-Paraffin: NAPRT1 Antibody [NBP1-87244] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: NAPRT1 Antibody [NBP1-87244] - Staining of human placenta shows moderate cytoplasmic positivity in tropoblastic cells.



Western Blot: Rabbit Polyclonal NAPRT1 Antibody [NBP1-87244] - Immunoblot using primary cultured rat cardiomyocyte with NAPRT1 knockdown using the siRNA. Image from a verified customer review.



#### **Publications**

Xiao Y, Elkins K, Durieux JK et al. Dependence of Tumor Cell Lines and Patient-Derived Tumors on the NAD Salvage Pathway Renders Them Sensitive to NAMPT Inhibition with GNE-618. Neoplasia 2013-10-01 [PMID: 24204194] (WB, Mouse, Chinese Hamster, Human)



# 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

# **Products Related to NBP1-87244**

NBP1-87244PEP NAPRT1 Recombinant Protein Antigen

HAF008 Goat anti-Rabbit IgG Secondary Antibody [HRP]

NB7160 Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

NBP2-24891 Rabbit IgG Isotype Control

#### 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-87244

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications

