

Product Datasheet

Sirtuin 3/SIRT3 Antibody NB600-808

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB600-808

Updated 9/9/2025 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/NB600-808



NB600-808

Sirtuin 3/SIRT3 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Sirtuin 3/SIRT3 Antibody (NB600-808) is a polyclonal antibody validated for use in WB and ELISA. Anti-Sirtuin 3/SIRT3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	23410
Gene Symbol	SIRT3
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_036371.1 and NP_001017524.1).
Immunogen	Peptide with sequence C-QRETGKLDGPK, from the C Terminus of the protein sequence according to NP_036371.1, NP_001017524.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx 28 kDa band observed in human liver lysates (calculated MW of 28.6 kDa according to NP_001017524.1).

Images

Western Blot: Sirtuin 3/SIRT3 Antibody [NB600-808] - Staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Publications

Shi T, Wang F, Stieren E, Tong Q. SIRT3, a mitochondrial Sirtuin deacetylase, regulates mitochondrial function and thermogenesis in Brown adipocytes. *J Biol Chem* 2005-01-14 [PMID: 15653680]

Benavente CA, Schnell SA, Jacobson EL Effects of niacin restriction on sirtuin and PARP responses to photodamage in human skin. *PLoS One*. 2012-01-01 [PMID: 22860104] (WB, 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 NB600-808

NB820-59232	Human Liver Whole Tissue Lysate (Adult Whole Normal)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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/NB600-808

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



