

Product Datasheet

Guanylyl Cyclase beta 1 Antibody (5O8D9) NBP3-16248-100ul

Unit Size: 100 ul

Store at -20C. 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/NBP3-16248

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/NBP3-16248



NBP3-16248-100ul

Guanylyl Cyclase beta 1 Antibody (5O8D9)

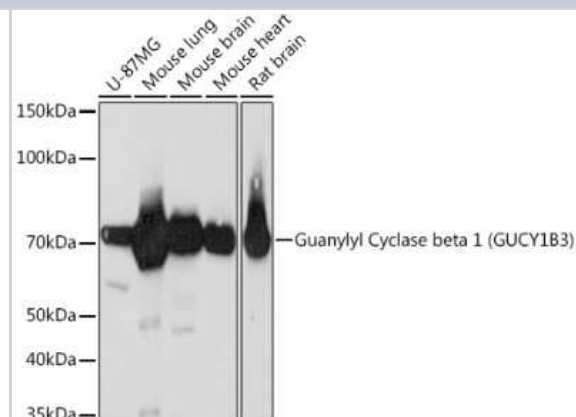
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5O8D9
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
Description	Novus Biologicals Rabbit Guanylyl Cyclase beta 1 Antibody (5O8D9) (NBP3-16248) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Guanylyl Cyclase beta 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2983
Gene Symbol	GUCY1B1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Guanylyl Cyclase beta 1 (Q02153). MYGFVNHALELLVIRNYGPEVWEDIKKEAQLDEEGQFLVRIIYDDSKTYDLVAA ASKVLNLNAGEILQMFGKMFFVFCQESGYDTILRVLGSNVREFLQN

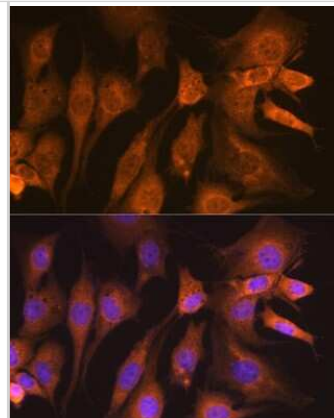
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 -1:200, Immunohistochemistry-Paraffin

Images

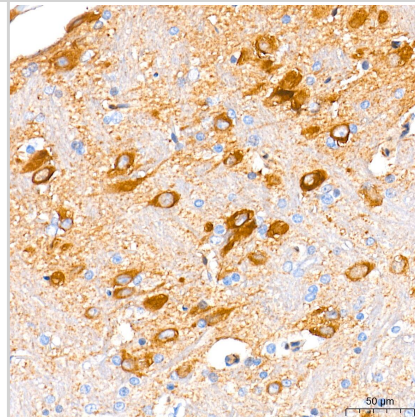
Western Blot: Guanylyl Cyclase beta 1 Antibody (5O8D9) [NBP3-16248]
 - Analysis of extracts of various cell lines, using Guanylyl Cyclase beta 1 (GUCY1B3) Rabbit mAb (NBP3-16248) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
 Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



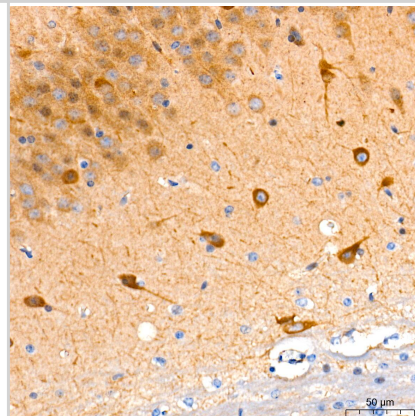
Immunocytochemistry/Immunofluorescence: Guanylyl Cyclase beta 1 Antibody (5O8D9) [NBP3-16248] - Immunofluorescence analysis of NIH-3T3 cells using Guanylyl Cyclase beta 1 (GUCY1B3) Rabbit mAb (NBP3-16248) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



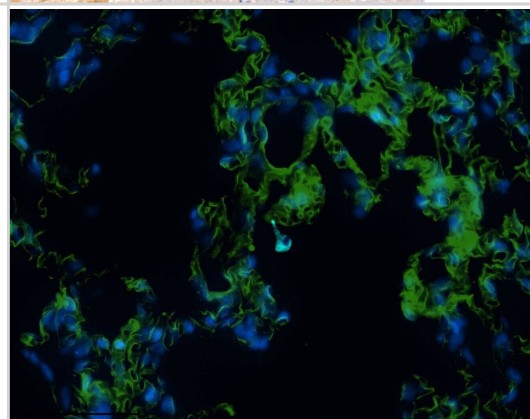
Immunohistochemistry: Guanylyl Cyclase beta 1 Antibody (5O8D9) [NBP3-16248] - Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using Guanylyl Cyclase beta 1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: Guanylyl Cyclase beta 1 Antibody (5O8D9) [NBP3-16248] - Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using Guanylyl Cyclase beta 1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Native rat lung stained for CD31 (green), DAPI (blue) and Gucy1b1 (cyan). Image from a verified customer review.



Publications

Dai Y, Stuehr DJ BAY58-2667 Activates Different Soluble Guanylyl Cyclase Species by Distinct Mechanisms that Indicate Its Principal Target in Cells is the Heme-Free Soluble Guanylyl Cyclase-Heat Shock Protein 90 Complex Molecular pharmacology 2023-05-01 [PMID: 36868790] (IP, WB, Rat, 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 NBP3-16248-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002983-P01-10ug	Recombinant Human Guanylyl Cyclase beta 1 GST (N-Term) Protein

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/NBP3-16248

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

