

Product Datasheet

GOLGA5 Antibody - BSA Free

NBP1-83352

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: 7

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-83352

Updated 12/2/2025 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/NBP1-83352



NBP1-83352

GOLGA5 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

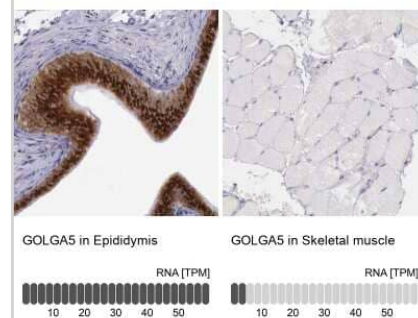
Product Description	
Description	Novus Biologicals Rabbit GOLGA5 Antibody - BSA Free (NBP1-83352) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GOLGA5 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9950
Gene Symbol	GOLGA5
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:31628189).
Marker	Golgi Apparatus Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SSVNPSVTTIKTIEENSFGSQTHEAASNSDSSHEGQEESKENVSSNAACPDH TTPNDDGKSHLSNLRLLENQLLRNEVQSLNQEMASLLQRSKETQEELNKARA RVEKWNADHSKSDRMTRGLRAQVDDLTEAVAAKDSQLAVLKV

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

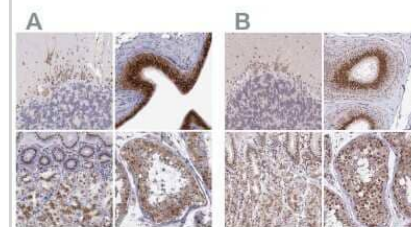


Images

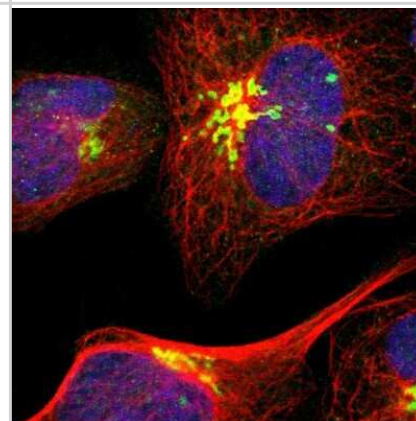
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining in human epididymis and skeletal muscle tissues using NBP1-83352 antibody. Corresponding GOLGA5 RNA-seq data are presented for the same tissues.



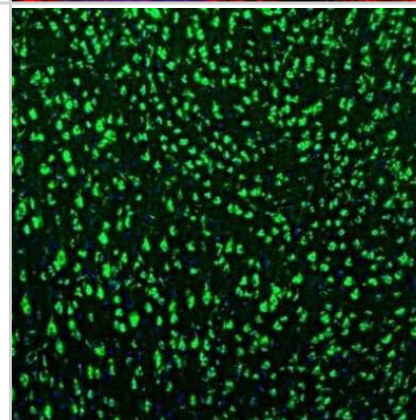
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human cerebellum, epididymis, stomach and testis using Anti-GOLGA5 antibody NBP1-83352 (A) shows similar protein distribution across tissues to independent antibody NBP2-39007 (B).



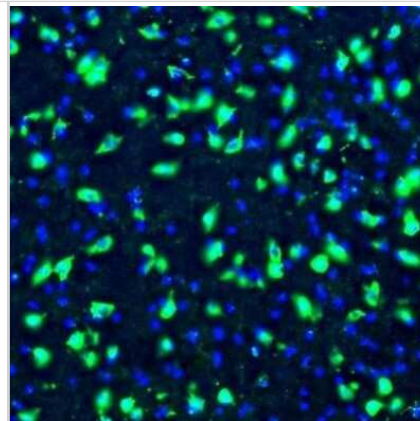
Immunocytochemistry/Immunofluorescence: GOLGA5 Antibody [NBP1-83352] - Staining of human cell line U-2 OS shows localization to the Golgi apparatus. Antibody staining is shown in green.



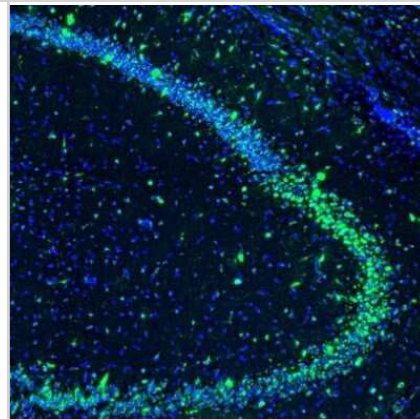
Immunohistochemistry: GOLGA5 Antibody [NBP1-83352] - Staining of mouse motor cortex shows strong cytoplasmic immunoreactivity in neurons.



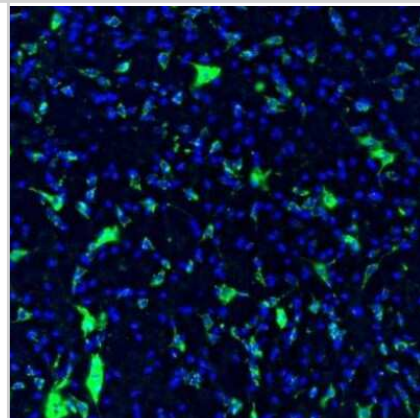
Immunohistochemistry: GOLGA5 Antibody [NBP1-83352] - Staining of mouse thalamus shows positivity in neuronal cell bodies in ventral anterior nucleus.



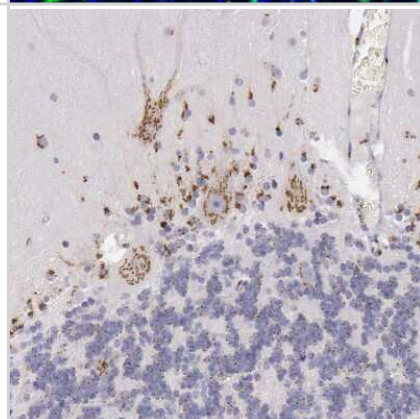
Immunohistochemistry: GOLGA5 Antibody [NBP1-83352] - Staining of mouse hippocampus shows immunoreactivity in a subset of neurons in the CA3 area.



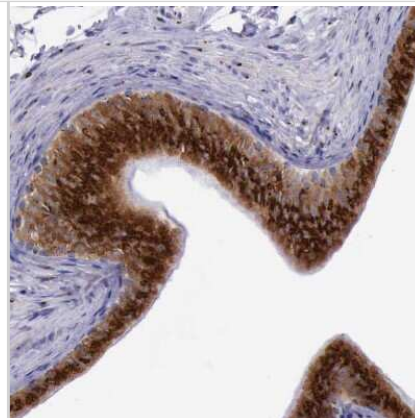
Immunohistochemistry: GOLGA5 Antibody [NBP1-83352] - Staining of mouse mesencephalic reticular formation shows strong immunoreactivity in a subset of neurons.



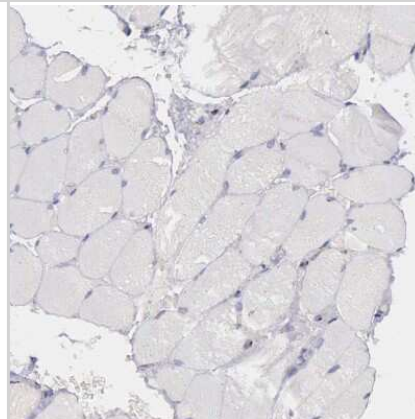
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human cerebellum shows moderate granular cytoplasmic positivity in Purkinje cells.



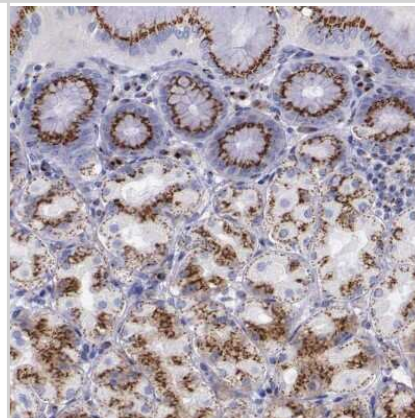
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human epididymis shows strong positivity in Golgi apparatus in glandular cells.



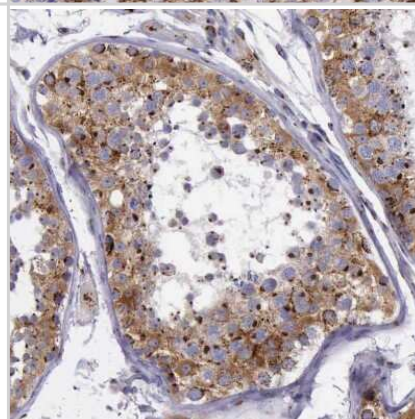
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



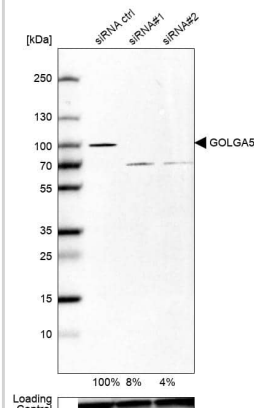
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human stomach shows moderate to strong granular cytoplasmic positivity in glandular cells.



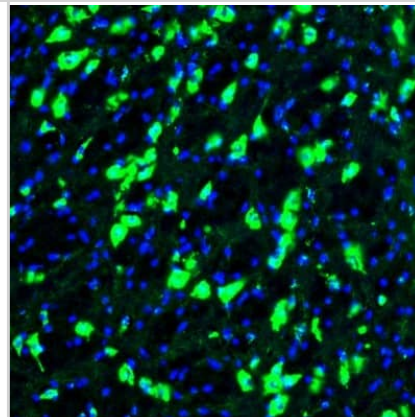
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human testis shows moderate to strong granular cytoplasmic positivity in cells in seminiferous ducts.



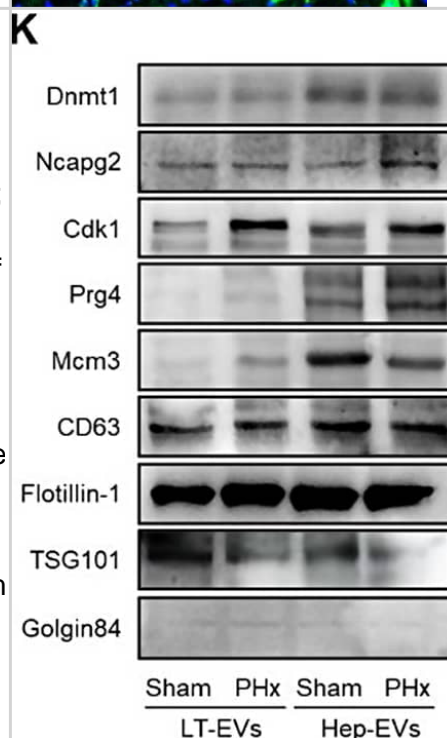
Analysis in U-87MG ATCC cells) transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-GOLGA5 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Staining of mouse globus pallidus shows positivity in neuronal cell bodies.



Hep-EVs reveals enhanced release with proliferative information during liver regeneration. (A) Flow cytometric analysis showing ASGPR surface expression on LT-EVs before and after immunomagnetic sorting. (B) Size distribution of LT-EVs analyzed by NTA. (C) Quantification of particle number of LT-EVs by NTA and protein amount of LT-EVs determined by the BCA assay. Mean \pm SD. $n = 3$ per group. *, $p < 0.05$; ***, $p < 0.001$; one-way ANOVA with Turkey's post-hoc tests. (D) Representative TEM image of LT-EVs from Sham and PHx livers. Bars = 250 nm. (E) Size distribution of sorted Hep-EVs analyzed by NTA. (F) Quantification of particle number of sorted Hep-EVs by NTA and protein amount determined by the BCA assay. Mean \pm SD. $n = 3$ per group. ***, $p < 0.001$; ****, $p < 0.0001$; one-way ANOVA with Turkey's post-hoc tests. (G) Venn diagram of proteome of PHx and Sham Hep-EVs. (H) Volcano plot of proteome of PHx and Sham Hep-EVs. (I) GO terms in the Cellular Component category of DEPs enriched in PHx over Sham Hep-EVs. (J) Western blot analysis of protein marker expression of LT-EVs and Hep-EVs. (K) Top-ranked DEPs of interest in Hep-EVs and Western blot validation of expression Image collected and cropped by CiteAb from the following open publication (<https://jnanobiotechnology.biomedcentral.com/articles/10.1186/s12951-024-02790-0>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Li Y, Ma B, Lu J et al. Lysosome-Featured Cell Aggregate-Released Extracellular Vesicles Regulate Iron Homeostasis and Alleviate Post-Irradiation Endothelial Ferroptosis for Mandibular Regeneration. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany) 2025-06-23 [PMID: 40546115]

Cao Y, Ying S, Qiu X et al. Proteomic Analysis Identifies Stomatin as a Biological Marker for Psychological Stress *SSRN Electronic Journal* 2022-08-16 [PMID: 36636173] (WB, Mouse)

Yang X, Yamazaki H, Yamakoshi Y et al. Trafficking and secretion of keratin 75 by ameloblasts in vivo *J. Biol. Chem.* 2019-11-29 [PMID: 31628189] (IHC-P, Mouse)

Wong M, Munro S. The specificity of vesicle traffic to the Golgi is encoded in the golgin coiled-coil proteins. *Science* 2014-10-31 [PMID: 25359980] (ICC/IF, Human)

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. *J Proteomics* 2012-04-03 [PMID: 22361696]

Hsu YC, Jensen AM et al. Multiple domains in the Crumbs Homolog 2a (Crb2a) protein are required for regulating rod photoreceptor size. *BMC Cell Biol* 2010-07-01 [PMID: 20670434]

Mulder J, Wernerus H, Shi TJ et al. Systematically generated antibodies against human gene products: high throughput screening on sections from the rat nervous system. *Neuroscience* 2007-06-08 [PMID: 17478047]





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 NBP1-83352

NBP1-83352PEP	GOLGA5 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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/NBP1-83352

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

