

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.

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NBP1-83352

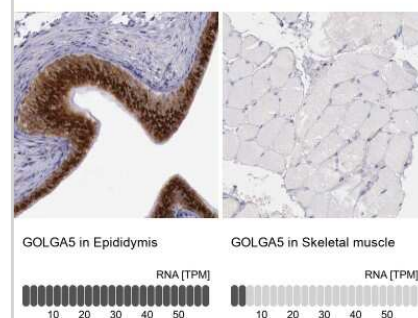
GOLGA5 Antibody - BSA Free

| 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 | Immunogen 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 TPTPNDDGKSHLSNLRLENQLLRNEVQSLNQEMASLLQRSKETQEELNKARA 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. |

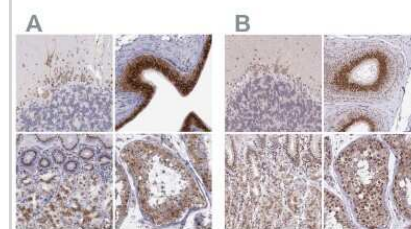


Images

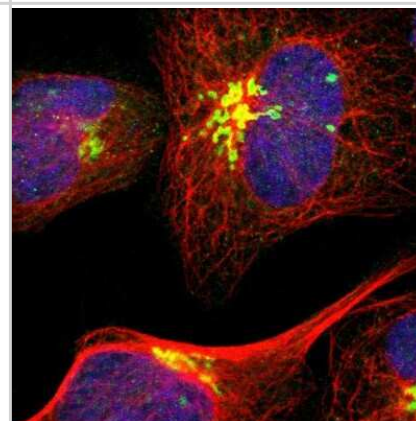
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining in human epididymis and skeletal muscle tissues using NBP1-83352 antibody. Corresponding GOLGA5 RNA-seq data are presented for the same tissues.



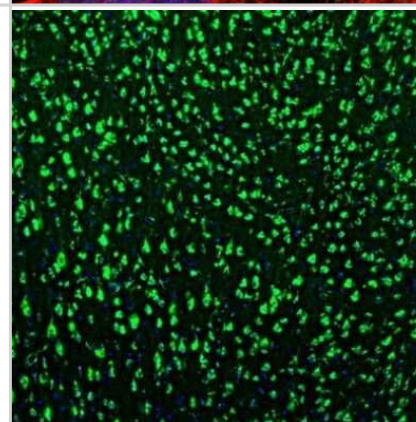
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human cerebellum, epididymis, stomach and testis using Anti-GOLGA5 antibody NBP1-83352 (A) shows similar protein distribution across tissues to independent antibody NBP2-39007 (B).



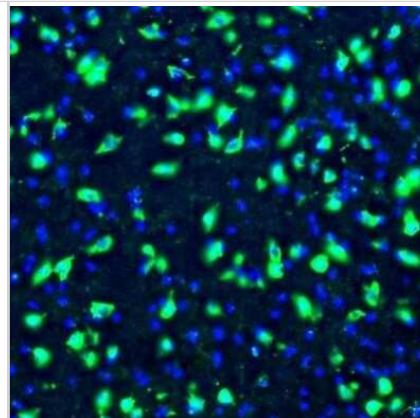
Immunocytochemistry/Immunofluorescence: GOLGA5 Antibody [NBP1-83352] - Staining of human cell line U-2 OS shows localization to the Golgi apparatus. Antibody staining is shown in green.



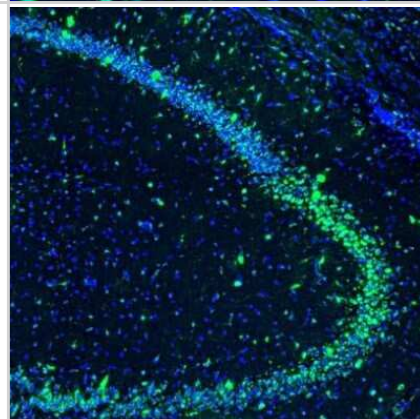
Immunohistochemistry: GOLGA5 Antibody [NBP1-83352] - Staining of mouse motor cortex shows strong cytoplasmic immunoreactivity in neurons.



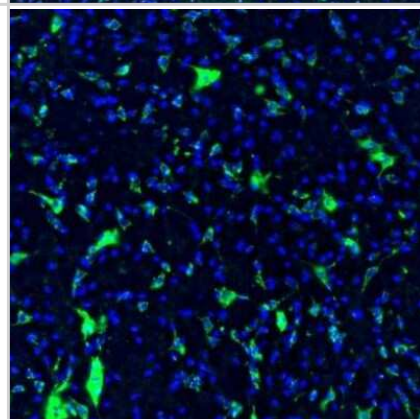
Immunohistochemistry: GOLGA5 Antibody [NBP1-83352] - Staining of mouse thalamus shows positivity in neuronal cell bodies in ventral anterior nucleus.



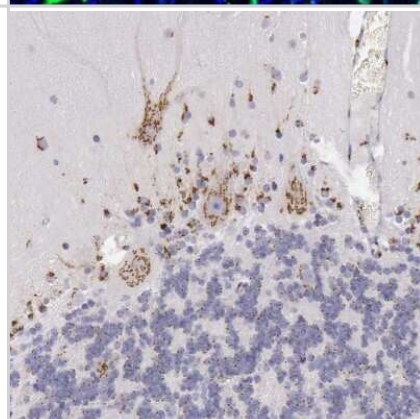
Immunohistochemistry: GOLGA5 Antibody [NBP1-83352] - Staining of mouse hippocampus shows immunoreactivity in a subset of neurons in the CA3 area.



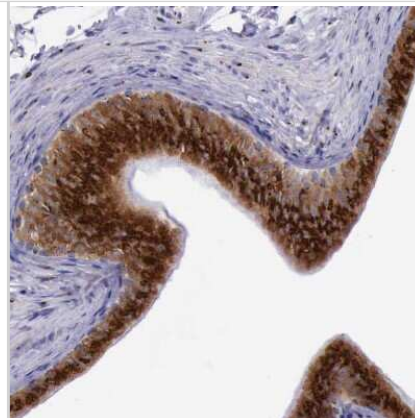
Immunohistochemistry: GOLGA5 Antibody [NBP1-83352] - Staining of mouse mesencephalic reticular formation shows strong immunoreactivity in a subset of neurons.



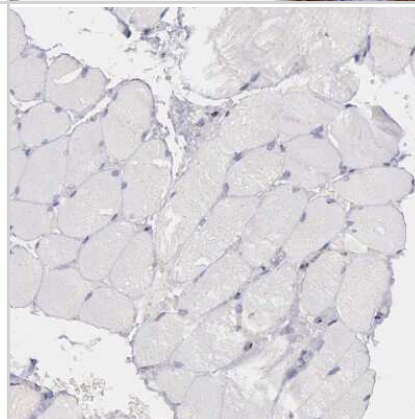
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human cerebellum shows moderate granular cytoplasmic positivity in Purkinje cells.



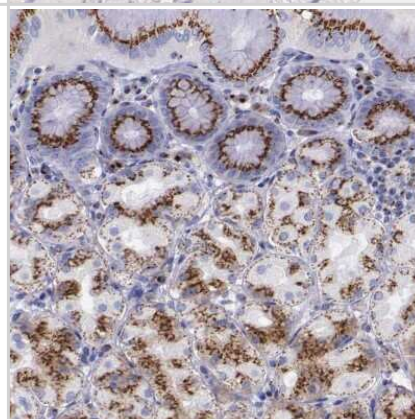
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human epididymis shows strong positivity in Golgi apparatus in glandular cells.



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



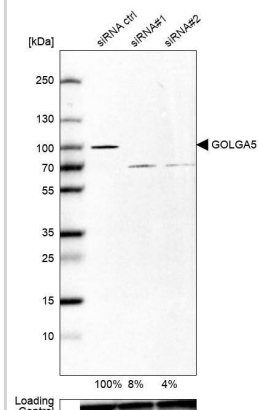
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human stomach shows moderate to strong granular cytoplasmic positivity in glandular cells.



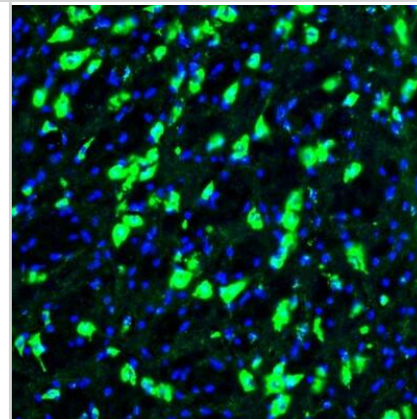
Immunohistochemistry-Paraffin: GOLGA5 Antibody [NBP1-83352] - Staining of human testis shows moderate to strong granular cytoplasmic positivity in cells in seminiferous ducts.



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.



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]



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| | |
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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 |

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