

# Product Datasheet

## GM130/GOLGA2 Antibody - BSA Free NBP1-89756

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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### Publications: 3

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**NBP1-89756**

GM130/GOLGA2 Antibody - BSA Free

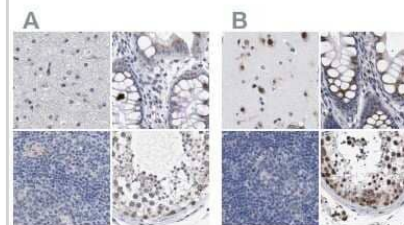
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	2801
<b>Gene Symbol</b>	GOLGA2
<b>Species</b>	Human
<b>Marker</b>	Golgi Apparatus Marker
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GDSVCGETHRALQGAMEKLRQSRFMELMQEKADLKERVEELEHRCIQLSGETD TIGEYIALYQSQRRAVLKERHREKE

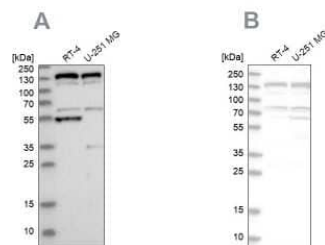
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml,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

**Images**

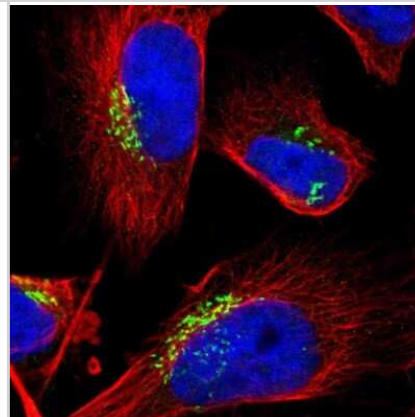
Immunohistochemistry-Paraffin: GM130/GOLGA2 Antibody [NBP1-89756] - Staining of human cerebral cortex, colon, lymph node and testis using Anti-GOLGA2 antibody NBP1-89756 (A) shows similar protein distribution across tissues to independent antibody NBP1-89758 (B).



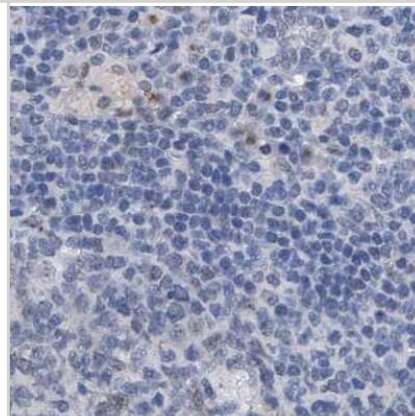
Western Blot: GM130/GOLGA2 Antibody [NBP1-89756] - Analysis using Anti-GOLGA2 antibody NBP1-89756 (A) shows similar pattern to independent antibody NBP1-89758 (B).



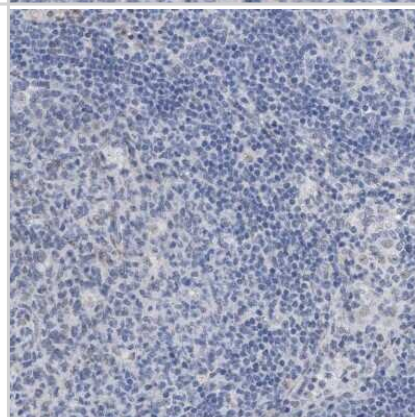
Immunocytochemistry/Immunofluorescence: GM130/GOLGA2 Antibody [NBP1-89756] - Staining of human cell line U-251 MG shows localization to the Golgi apparatus. Antibody staining is shown in green.



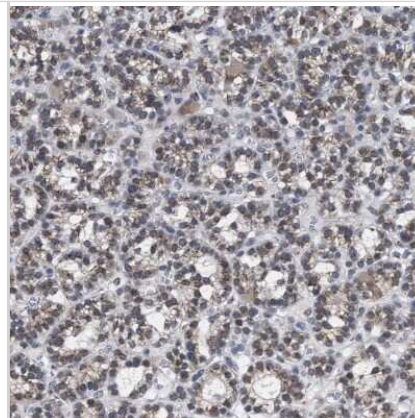
Immunohistochemistry-Paraffin: GM130/GOLGA2 Antibody [NBP1-89756] - Staining of human lymph node using Anti-GOLGA2 antibody NBP1-89756.



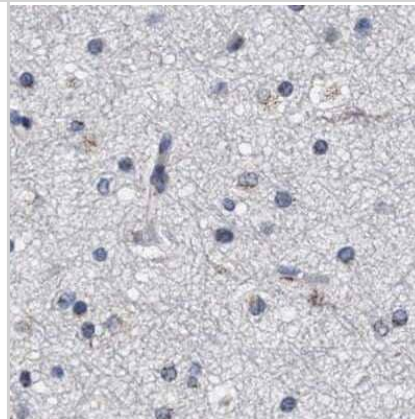
Immunohistochemistry-Paraffin: GM130/GOLGA2 Antibody [NBP1-89756] - Staining of human lymph node shows low expression as expected.



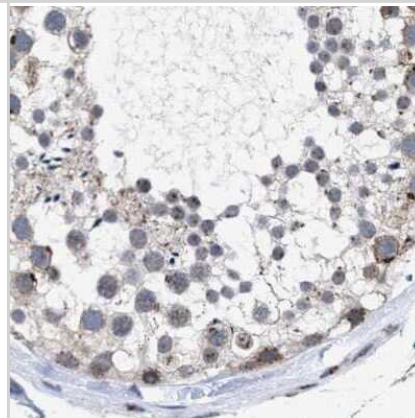
Immunohistochemistry-Paraffin: GM130/GOLGA2 Antibody [NBP1-89756] - Staining of human parathyroid gland shows high expression.



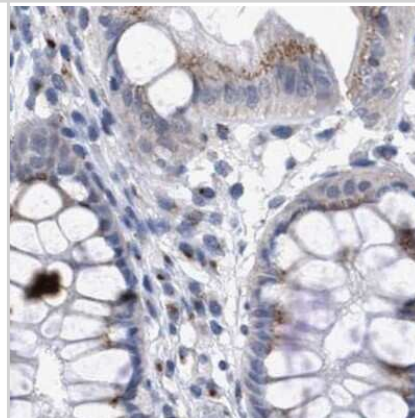
Immunohistochemistry-Paraffin: GM130/GOLGA2 Antibody [NBP1-89756] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: GM130/GOLGA2 Antibody [NBP1-89756] - Staining of human testis.



Immunohistochemistry-Paraffin: GM130/GOLGA2 Antibody [NBP1-89756] - Staining of human colon.



## Publications

Ren G, Zheng X, Sharma V et al. Loss of Nitric Oxide Induces Fibrogenic Response in Organotypic 3D Co-Culture of Mammary Epithelia and Fibroblasts An Indicator for Breast Carcinogenesis Cancers 2021-06-05 [PMID: 34198735] (IF/IHC, Human)

Saari H, Turunen T, Lohmus A et al. Extracellular vesicles provide a capsid-free vector for oncolytic adenoviral DNA delivery J Extracell Vesicles 2020-04-17 [PMID: 32363012] (WB, Human)

Al-Zeer Ma, Al-Younes Hm, Kerr M et al. Chlamydia trachomatis remodels stable microtubules to coordinate Golgi stack recruitment to the chlamydial inclusion surface. Mol. Microbiol. 2014-10-15 [PMID: 25315131]





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### **Products Related to NBP1-89756**

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NBP1-89756PEP	GM130/GOLGA2 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

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### **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.

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