

# Product Datasheet

## Golgi Glycoprotein 1/GLG1 Antibody - BSA Free NBP1-90636

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: 2

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**NBP1-90636**

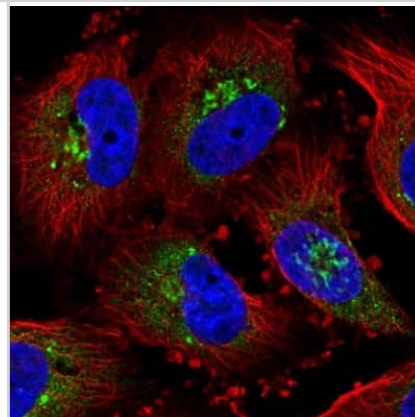
Golgi Glycoprotein 1/GLG1 Antibody - BSA Free

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 Golgi Glycoprotein 1/GLG1 Antibody - BSA Free (NBP1-90636) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Golgi Glycoprotein 1/GLG1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2734
Gene Symbol	GLG1
Species	Human, Mouse
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25379943). Mouse reactivity reported in (PMID: 30287345).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LDYRLDPQLQLHCSDEISSLC AEEAAAQEQTGQVEECLKVNLLKIKTELCKKEV LNMLKESKADIFVDPVLHTACALDIKHHCAAITPGRGRQMSCLMEALEDKRVRL QPECKKRLNDRIEMWSYAAKVAPADGFSDLAMQVMTSPSKNY
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
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
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. WB reactivity reported in (PMID: 30287345).



## Images

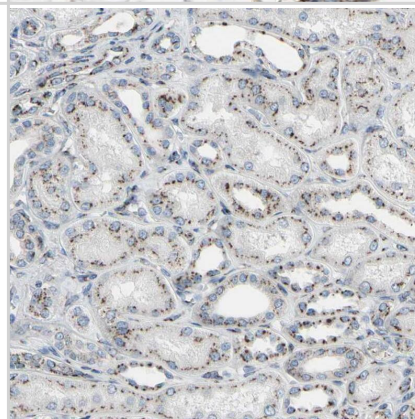
Immunocytochemistry/Immunofluorescence: Golgi Glycoprotein 1/GLG1 Antibody [NBP1-90636] - Staining of human cell line U-251 MG shows localization to the Golgi apparatus. Antibody staining is shown in green.



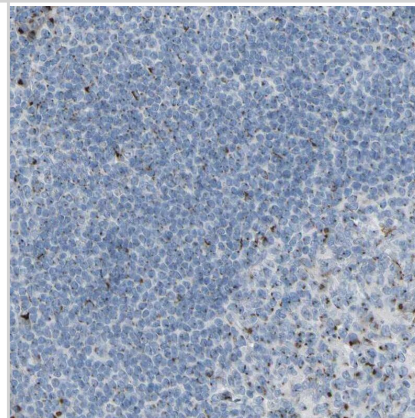
Immunohistochemistry-Paraffin: Golgi Glycoprotein 1/GLG1 Antibody [NBP1-90636] - Staining of human placenta shows strong dot like cytoplasmic positivity in trophoblastic and decidual cells.



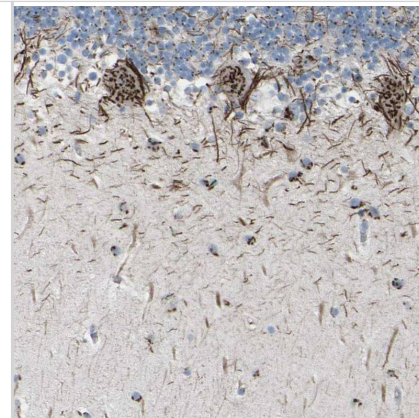
Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



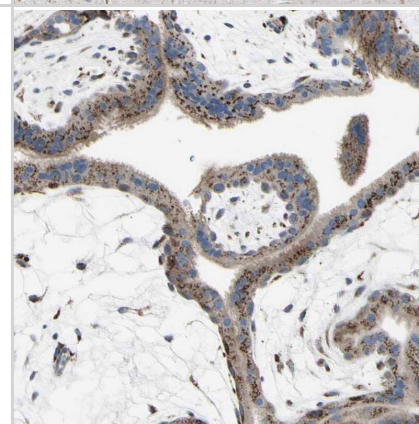
Staining of human tonsil shows moderate granular cytoplasmic positivity in germinal center and non-germinal center cells.



Staining of human cerebellum shows strong granular cytoplasmic positivity in Purkinje cells.



Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic cells.



## Publications

Bansal A, kirschner M, Zu L et al. Coconut Oil Decreases Expression of Amyloid Precursor Protein (APP) and Secretion of Amyloid Peptides through Inhibition of ADP-ribosylation factor 1 (ARF1). Brain Res. 2018-10-01 [PMID: 30287345] (WB, Mouse)

Morisaki T, Yashiro M, Kakehashi A, et al. Comparative Proteomics Analysis of Gastric Cancer Stem Cells PLoS One. 2014-11-07 [PMID: 25379943] (IF/IHC, Human)

### Details:

Chorein/VPS13A antibody used for IHC- P at 1:500 dilution on gastric cancer tissue specimens - antigen retrieval for 10 minutes at 105C by autoclave in Target Retrieval Solution, endogenous peroxidase blocked with 3% H<sub>2</sub>O<sub>2</sub>, On/4C incubation for primary, streptavidin-peroxidase-DAB detection (Figure 3).



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### **Products Related to NBP1-90636**

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NBP1-90636PEP	Golgi Glycoprotein 1/GLG1 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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