

# Product Datasheet

## alpha-Galactosidase A/GLA Antibody - BSA Free NBP1-89796

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: 1

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**NBP1-89796**

alpha-Galactosidase A/GLA 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**

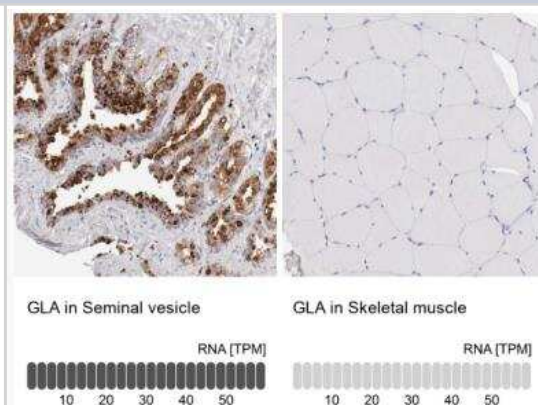
<b>Host</b>	Rabbit
<b>Gene ID</b>	2717
<b>Gene Symbol</b>	GLA
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 25915924).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: HISPQAKALLQDKDVIAINQDPLGKQGYQLRQGDNFEVWERPLSGLAWAVAMI NRQEIGGPRSYTIAVASLGKGVACNPACFITQLLPVKRKLGFYEWTSRLRSHIN PTGT

**Product Application Details**

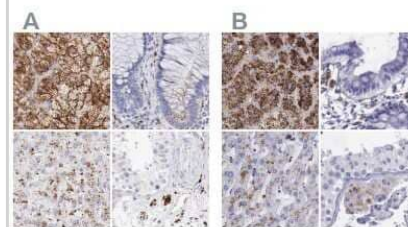
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

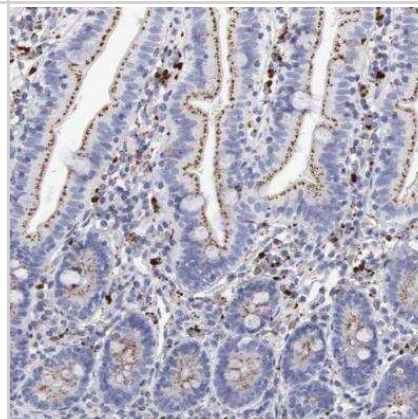
Immunohistochemistry-Paraffin: alpha-Galactosidase A/GLA Antibody [NBP1-89796] - Analysis in human seminal vesicle and skeletal muscle tissues. Corresponding GLA RNA-seq data are presented for the same tissues.



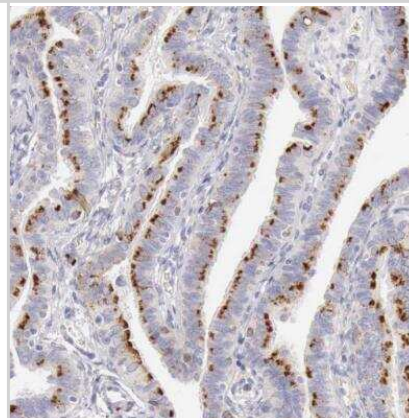
Immunohistochemistry-Paraffin: alpha-Galactosidase A/GLA Antibody [NBP1-89796] - Staining of human adrenal gland, colon, liver and testis using Anti-GLA antibody NBP1-89796 (A) shows similar protein distribution across tissues to independent antibody NBP1-89797 (B).



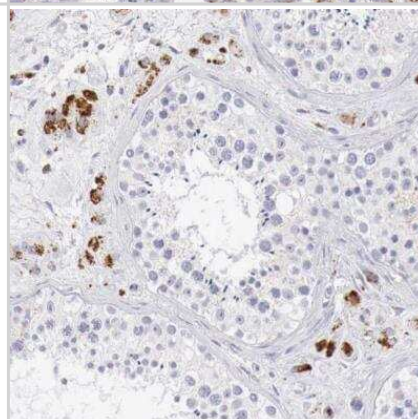
Immunohistochemistry-Paraffin: alpha-Galactosidase A/GLA Antibody [NBP1-89796] - Staining of human duodenum shows moderate positivity in lysosomes in glandular cells.



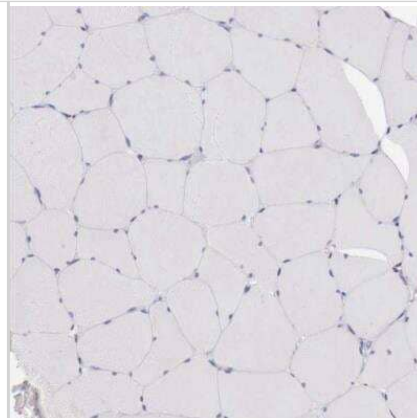
Immunohistochemistry-Paraffin: alpha-Galactosidase A/GLA Antibody [NBP1-89796] - Staining of human fallopian tube shows moderate positivity in lysosomes in glandular cells.



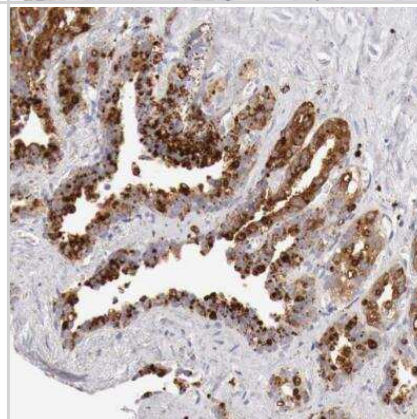
Immunohistochemistry-Paraffin: alpha-Galactosidase A/GLA Antibody [NBP1-89796] - Staining of human testis shows moderate positivity in lysosomes in Leydig cells.



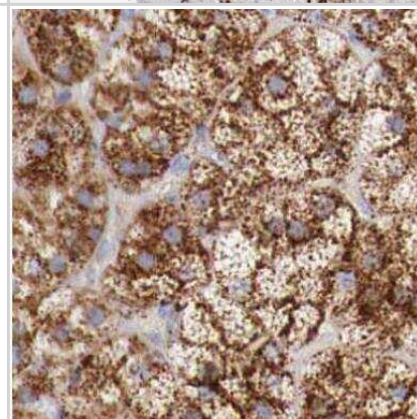
Immunohistochemistry-Paraffin: alpha-Galactosidase A/GLA Antibody [NBP1-89796] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



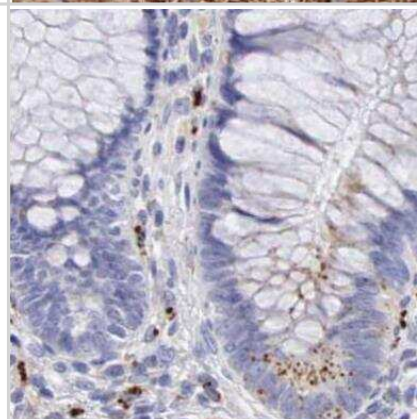
Immunohistochemistry-Paraffin: alpha-Galactosidase A/GLA Antibody [NBP1-89796] - Staining of human seminal vesicle shows moderate to strong positivity in lysosomes in glandular cells.



Immunohistochemistry-Paraffin: alpha-Galactosidase A/GLA Antibody [NBP1-89796] - Staining of human adrenal gland using Anti-GLA antibody.

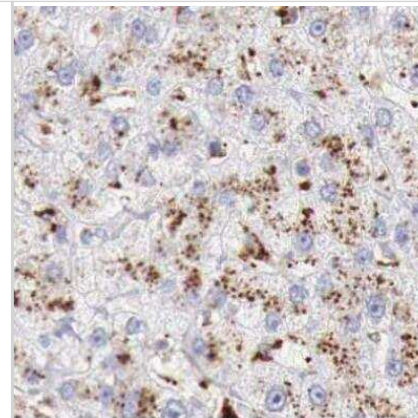


Immunohistochemistry-Paraffin: alpha-Galactosidase A/GLA Antibody [NBP1-89796] - Staining of human colon using Anti-GLA antibody.





Immunohistochemistry-Paraffin: alpha-Galactosidase A/GLA Antibody [NBP1-89796] - Staining of human liver using Anti-GLA antibody.



## Publications

Su Xu, Yi Lun, Nastry Brignol et al. Coformulation of a Novel Human alpha-Galactosidase A With the Pharmacological Chaperone AT1001 Leads to Improved Substrate Reduction in Fabry Mice. Molecular Therapy 2015 -04-27 [PMID: 25915924] (IF/IHC, Mouse)



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### **Products Related to NBP1-89796**

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NBP1-89796PEP	alpha-Galactosidase A/GLA 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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