

# Product Datasheet

## GAT-1/SLC6A1 Antibody - BSA Free NBP1-89802

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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**NBP1-89802**

GAT-1/SLC6A1 Antibody - BSA Free

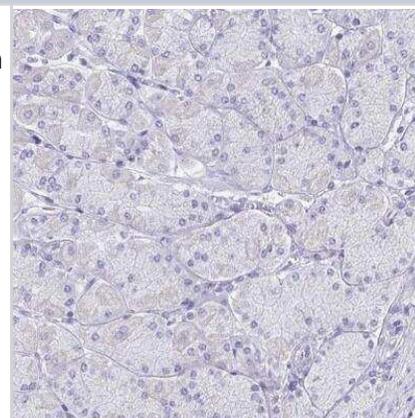
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit GAT-1/SLC6A1 Antibody - BSA Free (NBP1-89802) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6529
Gene Symbol	SLC6A1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IYYLYNSFTTTLPWKQCDNPWNTDRCFSNYSMVNTTNMTSAVVEFWERNMHQ MTDGLDKPG

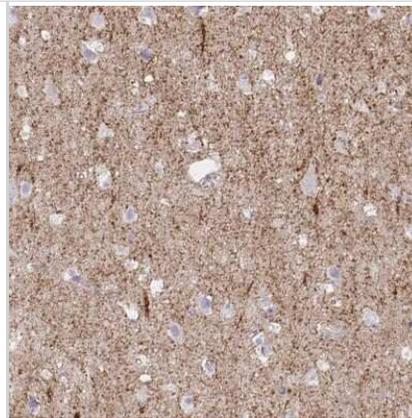
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

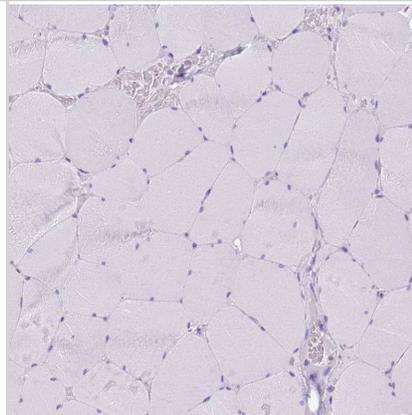
Immunohistochemistry-Paraffin: GAT-1/SLC6A1 Antibody [NBP1-89802]  
- Immunohistochemical staining of human stomach shows no positivity in glandular cells as expected.



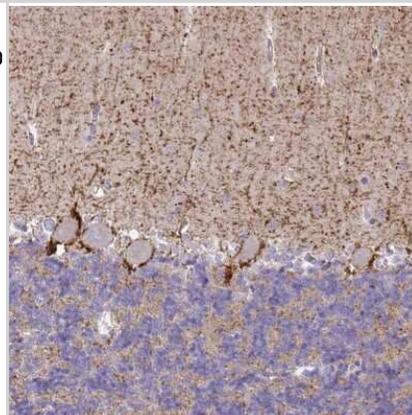
Immunohistochemistry-Paraffin: GAT-1/SLC6A1 Antibody [NBP1-89802]  
- Immunohistochemical staining of human cerebral cortex shows moderate positivity in neuropil.



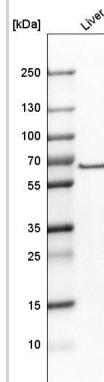
Staining of human skeletal muscle shows no positivity in myocytes as expected.



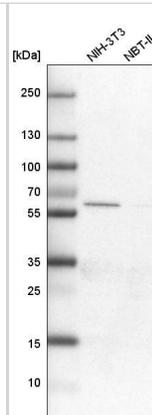
Immunohistochemistry-Paraffin: GAT-1/SLC6A1 Antibody [NBP1-89802]  
- Immunohistochemical staining of human cerebellum shows moderate to strong membranous positivity in neuropil of molecular layer and in Purkinje cell layer.



Analysis in human liver tissue.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.





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### **Products Related to NBP1-89802**

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NBP1-89802PEP	GAT-1/SLC6A1 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

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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