

# Product Datasheet

## GAT-1/SLC6A1 Antibody - BSA Free NBP1-59878

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-59878**

GAT-1/SLC6A1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	67 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	6529
Gene Symbol	SLC6A1
Species	Human, Mouse
Immunogen	Synthetic peptides corresponding to SLC6A1(solute carrier family 6 (neurotransmitter transporter, GABA), member 1) The peptide sequence was selected from the middle region of SLC6A1. Peptide sequence CCINSCTSMFAGFVIFSIVGFMAHVTKRSIADVAASGPGLAFLAYPEAVT The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin

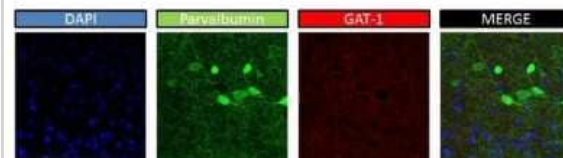


## Images

Western Blot: GAT1 Antibody [NBP1-59878] - Mouse Brain lysate,  
Antibody Titration: 0.2-1 ug/ml



Immunohistochemistry: GAT1 Antibody [NBP1-59878] - mouse brain  
slices, 1:1000



## Publications

Tsuboi M, Nakamura Y, Sakuma H Direct effect of 2-palmitoyl glycerol on promotion of gamma aminobutyric acid synthesis in normal human fetal-derived astrocytes FEBS open bio 2023-05-18 [PMID: 37199045] (IHC, Human)



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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
NBP1-89802PEP	GAT-1/SLC6A1 Recombinant Protein Antigen

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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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