

Product Datasheet

GAT-1/SLC6A1 Antibody (JE34-61) **NBP3-32372**

Unit Size: 100 ul

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

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NBP3-32372

GAT-1/SLC6A1 Antibody (JE34-61)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE34-61
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	67 kDa
Product Description	
Host	Rabbit
Gene ID	6529
Gene Symbol	SLC6A1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human GAT-1/SLC6A1 aa 1-52. (Uniprot: P30531)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:500-1:2000



Images

Western Blot: GAT-1/SLC6A1 Antibody (JE34-61) [NBP3-32372] - Western blot analysis of GAT-1/SLC6A1 on different lysates with Rabbit anti-GAT-1/SLC6A1 antibody (NBP3-32372) at 1/1,000 dilution.

Lane 1: Mouse cerebellum tissue lysate
 Lane 2: Mouse cerebellum tissue lysate (70 heat)
 Lane 3: Mouse brain tissue lysate
 Lane 4: Mouse brain tissue lysate (70 heat)
 Lane 5: Rat brain tissue lysate
 Lane 6: Rat brain tissue lysate (70 heat)

Lysates/proteins at 30 ug/Lane.

Predicted band size: 67 kDa
 Observed band size: 67 kDa

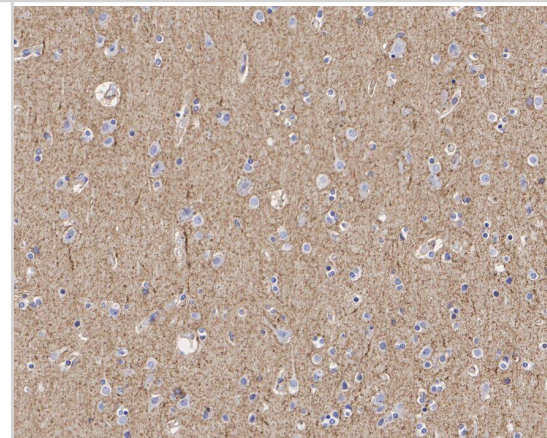
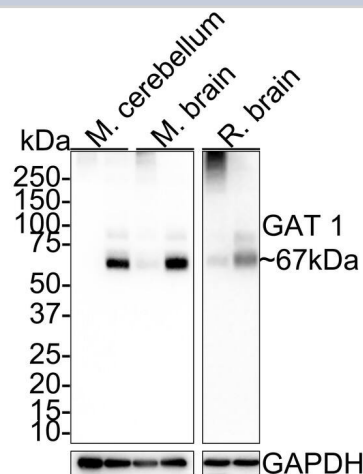
Exposure time: Lane 1-4: 1 minute 40 seconds; Lane 5-6: 5 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32372) at 1/1,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: GAT-1/SLC6A1 Antibody (JE34-61) [NBP3-32372] - Immunohistochemical analysis of paraffin-embedded human brain tissue with Rabbit anti-GAT-1/SLC6A1 antibody (NBP3-32372) at 1/500 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32372) at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Products Related to NBP3-32372

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

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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