

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.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-32372

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-32372



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	
Description	Novus Biologicals Rabbit GAT-1/SLC6A1 Antibody (JE34-61) (NBP3-32372) is a recombinant monoclonal 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	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

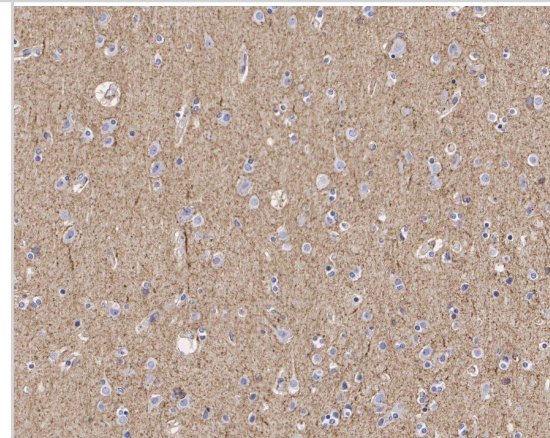
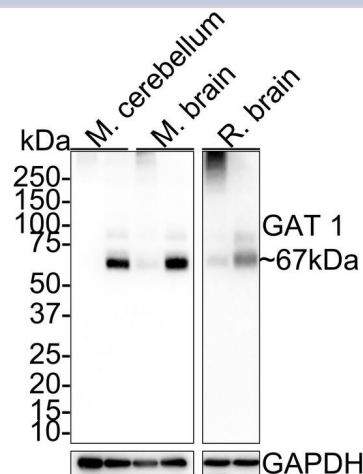
Exposure time: Lane 1-4: 1 minute 40 seconds; Lane 5-6: 5 seconds;

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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-32372

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

