

Product Datasheet

SLC6A3/DAT1 Antibody - Azide Free NB300-254

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB300-254

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/NB300-254

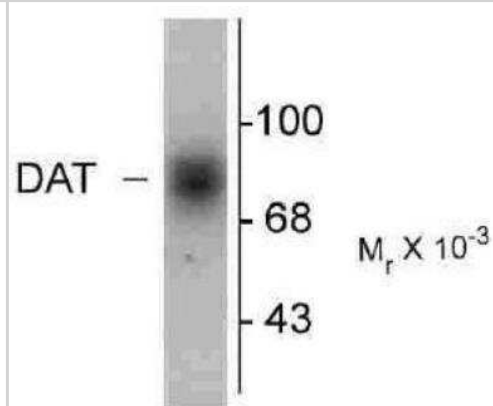


NB300-254**SLC6A3/DAT1 Antibody - Azide Free**

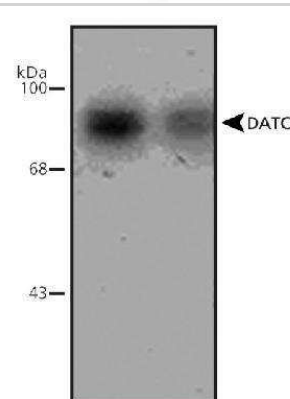
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	80 kDa
Product Description	
Description	Novus Biologicals Rabbit SLC6A3/DAT1 Antibody - Azide Free (NB300-254) is a polyclonal antibody validated for use in IHC and WB. Anti-SLC6A3/DAT1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6531
Gene Symbol	SLC6A3
Species	Human, Mouse, Rat, Hamster, Primate, Golden Syrian Hamster
Reactivity Notes	Hamster reported in literature (PMID: 22357095). Golden Syrian Hamster reactivity reported in scientific literature (PMID: 22357095).
Specificity/Sensitivity	Specific for endogenous levels of the ~80 kDa DAT protein. Diffuse band may be observed between ~70-85 kDa due to variable glycosylation.
Immunogen	Synthetic peptide corresponding to amino acid residues from the intracellular C-terminal region conjugated to KLH. Accession # Q01959
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:1000
Application Notes	Use in Immunohistochemistry-Paraffin reported in scientific literature (PMID 22357095)

Images

Western Blot: SLC6A3/DAT1 Antibody [NB300-254] - Western blot of human caudate lysate showing specific immunolabeling of the ~88k DAT protein.



Western Blot: SLC6A3/DAT1 Antibody [NB300-254] - Detection of Dopamine Transporter in human caudate lysate using NB 300-254.



Publications

Nguyen, MT;Vemaraju, S;Nayak, G;Odaka, Y;Buhr, ED;Alonzo, N;Tran, U;Batie, M;Upton, BA;Darvas, M;Kozmik, Z;Rao, S;Hegde, RS;Iuvone, PM;Van Gelder, RN;Lang, RA; An opsin 5-dopamine pathway mediates light-dependent vascular development in the eye *Nat. Cell Biol.* 2019-04-01 [PMID: 30936473] (WB, Mouse)

Xue X, Yang JY, He Y et al. Aggregated single-walled carbon nanotubes attenuate the behavioural and neurochemical effects of methamphetamine in mice. *Nat Nanotechnol* 2016-01-01 [PMID: 26974957] (WB, Mouse)

Savolainen MH, Richie CT, Harvey BK et al. The beneficial effect of a prolyl oligopeptidase inhibitor, KYP-2047, on alpha-synuclein clearance and autophagy in A30P transgenic mouse. *Neurobiol. Dis.* 2014-04-16 [PMID: 24746855] (WB, IHC-Fr, Mouse)

Rodriguez S, Uchida K, Nakayama H. Immunohistochemical changes of nigrostriatal tyrosine hydroxylase and dopamine transporter in the golden hamster after a single intrastriatal injection of 6-hydroxydopamine. *Exp Toxicol Pathol.* 2012-02-20 [PMID: 22357095] (IHC-P, Golden Syrian Hamster)



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 NB300-254

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

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/NB300-254

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

