

Product Datasheet

SLC6A3/DAT1 Antibody (mAb16) - Azide and BSA Free NBP2-80954

Unit Size: 0.1 ml

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/NBP2-80954

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/NBP2-80954



NBP2-80954**SLC6A3/DAT1 Antibody (mAb16) - Azide and BSA Free**

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	mAb16
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	Tris-Glycine, 0.15 M NaCl

Product Description	
Description	Novus Biologicals Mouse SLC6A3/DAT1 Antibody (mAb16) - Azide and BSA Free (NBP2-22164) is a monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6531
Gene Symbol	SLC6A3
Species	Mouse, Rat, Human (Negative)
Reactivity Notes	Little to no human reactivity has been observed.
Immunogen	Synthetic peptide corresponding to the N-terminus of rat DAT1. [UniProt# P23977]

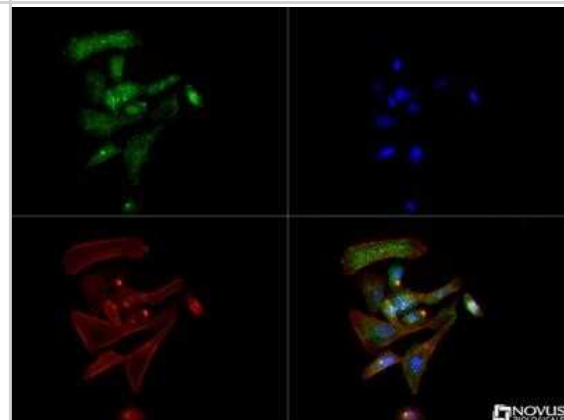
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, ELISA, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:250, Immunoprecipitation reported in scientific literature (PMID 20643191), Immunohistochemistry-Paraffin 1:100
Application Notes	In WB a band can be seen at ~70-85 kDa.

Images

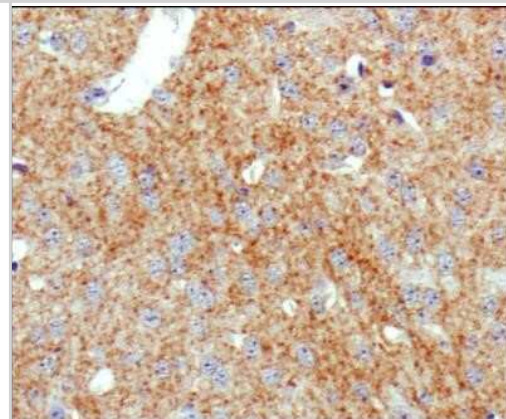
Western Blot: SLC6A3/DAT1 Antibody (mAb16) - Azide and BSA Free [NBP2-80954] - Western blot analysis of DAT protein. Band shown at approx. 75 kDa. Image submitted by verified customer review. Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: SLC6A3/DAT1 Antibody (mAb16) - Azide and BSA Free [NBP2-80954] - The DAT1 antibody was tested in PC12 cells at a 1:250 dilution against DyLight 488 (Green). Actin and nuclei were counterstained with Phalloidin-AlexaFluor 568 (Red) and DAPI (Blue), respectively. Image from the standard format of this antibody.

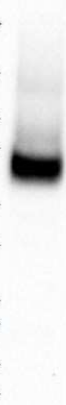


Immunohistochemistry: SLC6A3/DAT1 Antibody (mAb16) - Azide and BSA Free [NBP2-80954] - IHC analysis of DAT1 in mouse brain using DAB with hematoxylin counterstain. Image from the standard format of this antibody.



Western Blot: SLC6A3/DAT1 Antibody (mAb16) - Azide and BSA Free [NBP2-80954] - Analysis of DAT1 expression in rat striatal membrane tissue lysate. Image from the standard format of this antibody.

250>
150>
100>
75>
50>
37>
25>
20>
15>
10>





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 NBP2-80954

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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/NBP2-80954

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

