

# 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.

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**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.

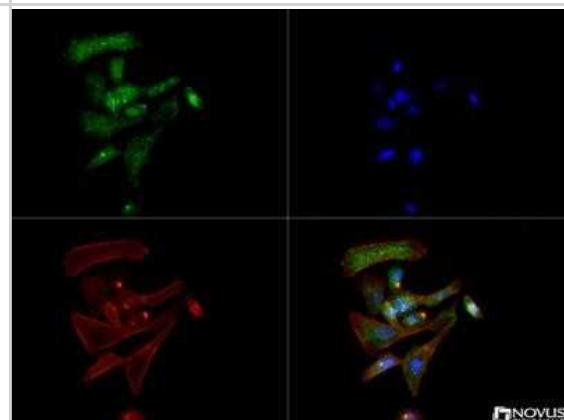


## Images

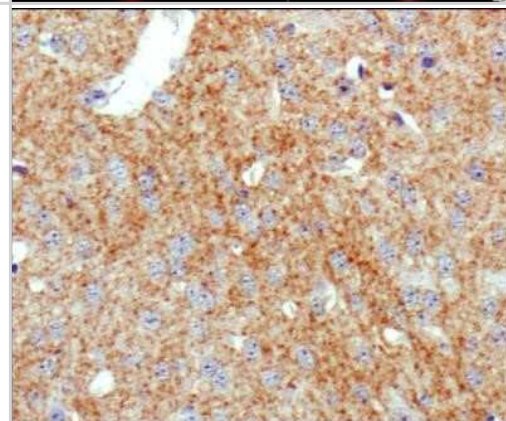
Western Blot: SLC6A3/DAT1 Antibody (mAb16) - Azide and BSA Free [NBP2-80954] - Western blot analysis of DAT protein. Band shown at approx. 75 kDa. Image submitted by verified customer review. Image from the standard format of this antibody.



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>





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### **Products Related to NBP2-80954**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00006531-Q01-10ug	Recombinant Human SLC6A3/DAT1 GST (N-Term) Protein

### **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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