

Product Datasheet

SLC6A3/DAT1 Antibody NB600-1489

Unit Size: 0.025 ml

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

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NB600-1489**SLC6A3/DAT1 Antibody****Product Information**

Unit Size	0.025 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera with 10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol

Product Description

Host	Rabbit
Gene ID	6531
Gene Symbol	SLC6A3
Species	Human, Mouse, Rat
Reactivity Notes	Cross-reacts with Human, Mouse and Rat. Not yet tested in other species.
Specificity/Sensitivity	Dopamine Transporter
Immunogen	Synthetic peptide (Human) conjugated to KLH (C terminal).

Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000
Application Notes	WB: Predicted molecular weight: 68 kDa. An antibody raised against a similar peptide has been shown to react with a broad 80kD band in rat striatum and not cerebellum. The 80kD band comigrates with rat DAT labeled with an affinity ligand 125I-DEEP. The 80kD DAT band can be competed with the immunizing peptide. The same 80kD band (125I-DEEP labeled) can also be immunoprecipitated using the antiserum. Rat DAT contains various carbohydrate moieties and neuraminidase and N-Glycanase treatment reduces it size to ~55kD.





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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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