

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 neuramnidase and N-Glycanase treatment reduces its 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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