DAT Polyclonal antibody
Catalog Number:22524-1-AP 18 Publications

Basic Information
Catalog Number: 22524-1-AP
Size: 150µL, Concentration: 600 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard
Source: Rabbit
Isotype: IgG
Immunogen Catalog Number: AG18297
GenBank Accession Number: BC133003
GeneID (NCBI): 6531
Full Name: solute carrier family 6 (neurotransmitter transporter, dopamine), member 3
Calculated MW: 620 aa, 68 kDa
Observed MW: 68 kDa
Purification Method: Antigen affinity purification
Recommended Dilutions:
WB 1:500-1:2000
IHC 1:50-1:500
IF 1:50-1:500

Applications
Tested Applications:
IF, IHC, WB, ELISA
Cited Applications:
IF, IHC, WB
Species Specificity:
human, mouse, rat
Cited Species:
human, mouse, rat
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information
Notable Publications

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<th>Author</th>
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<tr>
<td>Hideaki Kuge</td>
<td>32963038</td>
<td>J Lipid Res</td>
<td>WB, IF</td>
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<tr>
<td>Mo Xu</td>
<td>31535395</td>
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<td>Li-Yuan Wang</td>
<td>31849636</td>
<td>Front Aging Neurosci</td>
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Storage
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) [toll free in USA], or 1(312) 655-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Various lysates were subjected to SDS PAGE followed by western blot with 22524-1-AP (DAT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 22524-1-AP (DAT antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 22524-1-AP (DAT antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).