

For Research Use Only

DAT Polyclonal antibody

Catalog Number: 22524-1-AP **20 Publications**



Basic Information

Catalog Number:

22524-1-AP

Size:

150ul, 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

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Tested Applications:

IF, IHC, IP, 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

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

IHC : mouse brain tissue,

IF : mouse brain tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Hideaki Kuge	32963038	J Lipid Res	WB,IF
Mo Xu	31535395	J Neurosci Res	
Beatriz Franco	34651324	J Neurosci Res	WB

Storage

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

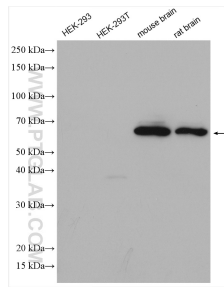
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

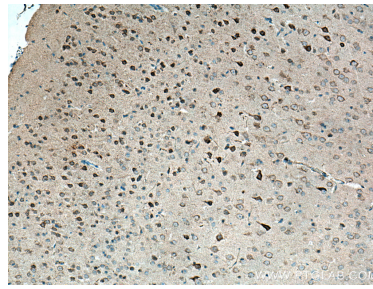
E: proteintech@ptglab.com
W: ptglab.com

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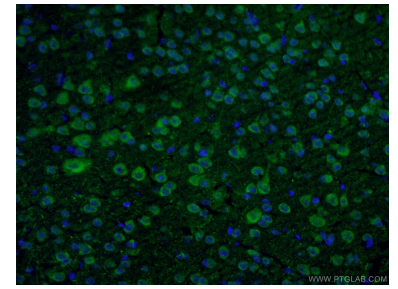
Selected Validation Data



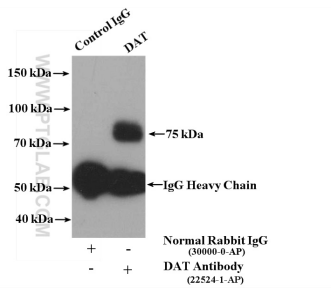
Various lysates were subjected to SDS PAGE followed by western blot with 22524-1-AP (DAT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).



IP sample and control were subjected to SDS PAGE followed by western blot with 22524-1-AP (DAT antibody) at dilution of 1:500. 4000ug mouse brain tissue lysate and 4ug antibodies were mixed in the IP experiment.