SLC6A3 Rabbit Polyclonal Antibody

CAB15236

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

90kDa

Calculated MW:

68kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

This gene encodes a dopamine transporter which is a member of the sodium- and chloride-dependent neurotransmitter transporter family. The 3' UTR of this gene contains a 40 bp tandem repeat, referred to as a variable number tandem repeat or VNTR, which can be present in 3 to 11 copies. Variation in the number of repeats is associated with idiopathic epilepsy, attention-deficit hyperactivity disorder, dependence on alcohol and cocaine, susceptibility to Parkinson disease and protection against nicotine dependence.

Immunogen information

Gene ID:
6531

Uniprot
Q01959

Synonyms:
SLC6A3; DAT; DAT1; PKDYS

Immunogen:
A synthetic peptide corresponding to a sequence within amino acids 500 to the C-terminus of human SLC6A3 (NP_001035.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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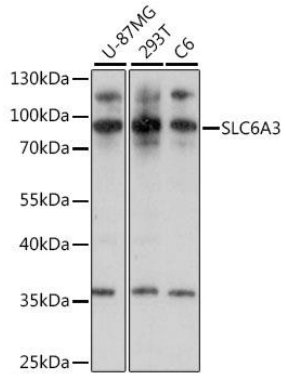
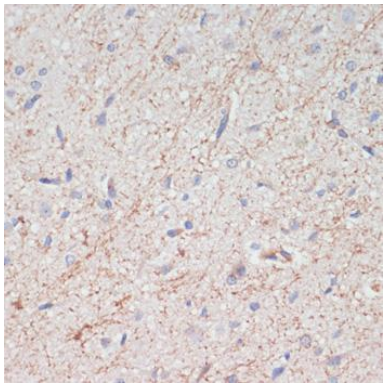
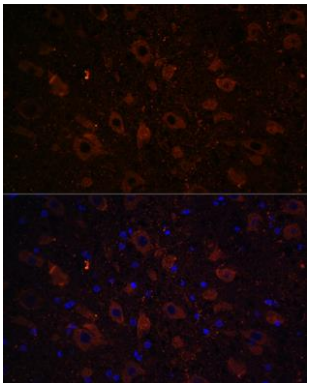
Product Images



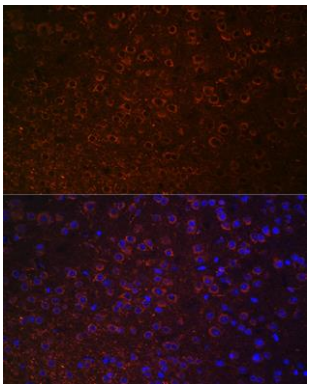
Western blot analysis of extracts of various cell lines, using SLC6A3 antibody (CAB15236) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded rat brain using SLC6A3 antibody (CAB15236) at dilution of 1:200 (40x lens).



Immunofluorescence analysis of rat brain using SLC6A3 Rabbit pAb (CAB15236) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain using SLC6A3 Rabbit pAb (CAB15236) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.