

Dopamine Transporter Antibody
Rabbit mAb
Catalog # AP91178

Specification

Dopamine Transporter Antibody - Product Information

Application	WB, FC, IP
Primary Accession	Q01959
Clonality	Monoclonal
Other Names	
DA transporter; DAT1; Dopamine transporter 1; PKDYS; SLC6A3;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	68495 Da

Dopamine Transporter Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50 IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Dopamine Transporter
Description	Amine transporter. Terminates the action of dopamine by its high affinity sodium-dependent reuptake into presynaptic terminals.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Dopamine Transporter Antibody - Protein Information

Name SLC6A3

Synonyms DAT1

Function

[illegible]

href="http://www.uniprot.org/citations/39112705" target="_blank">39112705, PubMed:8302271). Also mediates sodium- and chloride-dependent transport of norepinephrine (also known as noradrenaline) (By similarity). Regulator of light-dependent retinal hyaloid vessel regression, downstream of OPN5 signaling (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell projection, neuron projection {ECO:0000250|UniProtKB:P23977}. Cell projection, axon. Note=Localizes to neurite tips in neuronal cells (By similarity). Colocalizes with SEPTIN4 at axon terminals, especially at the varicosities (By similarity). {ECO:0000250|UniProtKB:P23977, ECO:0000250|UniProtKB:Q61327}

Tissue Location

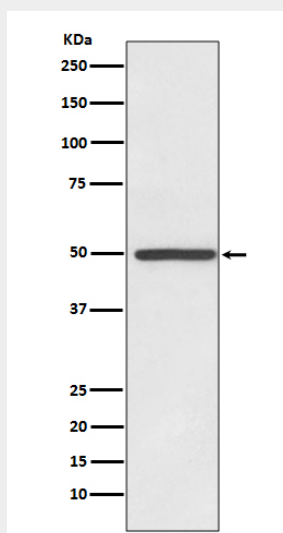
Highly expressed in substantia nigra (PubMed:7637582). Expressed in axonal varicosities in dopaminergic nerve terminals (at protein level) (PubMed:17296554). Expressed in the striatum (at protein level) (PubMed:17296554)

Dopamine Transporter Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Dopamine Transporter Antibody - Images



Western blot analysis of Dopamine Transporter expression in HeLa cell lysate.