

Anti-Dopamine Transporter, Extracellular Loop 2 Antibody
Our Anti-Dopamine Transporter, Extracellular Loop 2 rabbit polyclonal primary antibody from PhosphoS
Catalog # AN1365

Specification

Anti-Dopamine Transporter, Extracellular Loop 2 Antibody - Product Information

Application	WB
Primary Accession	Q01959
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	68495

Anti-Dopamine Transporter, Extracellular Loop 2 Antibody - Additional Information

Gene ID **6531**

Other Names

DA transporter antibody, DAT 1 antibody, DAT antibody, DAT1 antibody, Dopamine transporter 1 antibody, Dopamine transporter antibody, PKDYS antibody, SC6A3_HUMAN antibody, SLC6A3 antibody, Sodium dependent dopamine transporter antibody, Sodium-dependent dopamine transporter antibody, Solute carrier family 6 (neurotransmitter transporter dopamine) member 3 antibody, Solute carrier family 6 (neurotransmitter transporter) member 3 antibody, Solute carrier family 6 member 3 antibody, Variable number tandem repeat (VNTR) antibody

Target/Specificity

The dopamine transporter (DAT) is responsible for the reaccumulation of dopamine after it has been released. DAT antibodies and antibodies for other markers of catecholamine biosynthesis are widely used as markers for dopaminergic and noradrenergic neurons in a variety of applications including depression, schizophrenia, Parkinson's disease and drug abuse (Kish et al., 2001; Zhu et al., 2000; Zhu et al., 1999). Levels of DAT protein expression are altered by chronic drug administration (Wilson et al., 1996).

Format

Antigen Affinity Purified from Pooled Serum

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-Dopamine Transporter, Extracellular Loop 2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

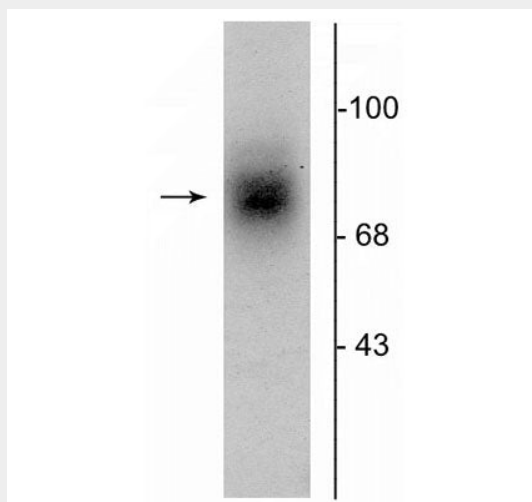
Blue Ice

Anti-Dopamine Transporter, Extracellular Loop 2 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](#)

Anti-Dopamine Transporter, Extracellular Loop 2 Antibody - Images



Western blot of human striatal lysate showing specific immunolabeling of the ~88 kDa DAT protein.

Anti-Dopamine Transporter, Extracellular Loop 2 Antibody - Background

The dopamine transporter (DAT) is responsible for the reaccumulation of dopamine after it has been released. DAT antibodies and antibodies for other markers of catecholamine biosynthesis are widely used as markers for dopaminergic and noradrenergic neurons in a variety of applications including depression, schizophrenia, Parkinson's disease and drug abuse (Kish et al., 2001; Zhu et al., 2000; Zhu et al., 1999). Levels of DAT protein expression are altered by chronic drug administration (Wilson et al., 1996).