

**Anti-Dopamine Transporter, C-Terminus Antibody**  
**Our Anti-Dopamine Transporter, C-Terminus rabbit polyclonal primary antibody from PhosphoSolutions i**  
**Catalog # AN1364**

## Specification

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### Anti-Dopamine Transporter, C-Terminus Antibody - Product Information

Application	WB
Primary Accession	<a href="#">Q01959</a>
Reactivity	Bovine, Chicken, Drosophila
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	68495

### Anti-Dopamine Transporter, C-Terminus 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).

#### Dilution

WB~~1:1000

#### 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, C-Terminus Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### Shipping

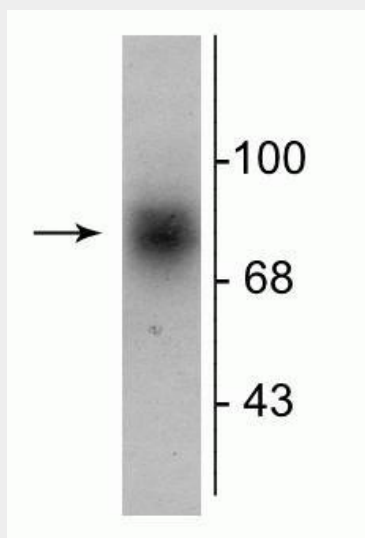
Blue Ice

## Anti-Dopamine Transporter, C-Terminus 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, C-Terminus Antibody - Images



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

## Anti-Dopamine Transporter, C-Terminus 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).