

## Anti-Dopamine $\beta$ -Hydroxylase, C-Terminus Antibody

Our Anti-Dopamine  $\beta$ -Hydroxylase, C-Terminus sheep polyclonal primary antibody from PhosphoSolutions  
Catalog # AN1362

### Specification

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#### Anti-Dopamine $\beta$ -Hydroxylase, C-Terminus Antibody - Product Information

Primary Accession	<a href="#">P09172</a>
Reactivity	Bovine
Host	Sheep
Clonality	Polyclonal
Isotype	IgG
Calculated MW	69065

#### Anti-Dopamine $\beta$ -Hydroxylase, C-Terminus Antibody - Additional Information

Gene ID **1621**

##### Other Names

dbh antibody, DBM antibody, Dopamine beta hydroxylase antibody, Dopamine beta monooxygenase antibody, Dopamine beta-hydroxylase (dopamine beta-monooxygenase) antibody, Dopamine beta-monooxygenase antibody, DOPO\_HUMAN antibody, OTTHUMP00000022501 antibody, Soluble dopamine beta-hydroxylase antibody

##### Target/Specificity

DBH catalyzes the conversion of dopamine to norepinephrine and serves as a marker of noradrenergic cells. DBH 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). The expression of DBH is also elevated during stress (Sabban and Kvetnansky, 2001).

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

##### Shipping

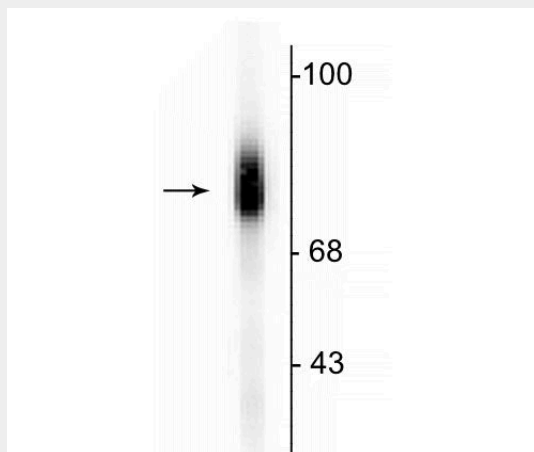
Blue Ice

#### Anti-Dopamine $\beta$ -Hydroxylase, 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 $\beta$ -Hydroxylase, C-Terminus Antibody - Images**



Western blot of human adrenal medulla lysate showing specific immunolabeling of the ~75 kDa DBH protein.

#### **Anti-Dopamine $\beta$ -Hydroxylase, C-Terminus Antibody - Background**

DBH catalyzes the conversion of dopamine to norepinephrine and serves as a marker of noradrenergic cells. DBH 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). The expression of DBH is also elevated during stress (Sabban and Kvetnansky, 2001).