

#### Anti-Dopamine &-Hydroxylase, N-Terminus Antibody

Our Anti-Dopamine ß-Hydroxylase, N-Terminus sheep polyclonal primary antibody from PhosphoSolutions
Catalog # AN1363

# **Specification**

# Anti-Dopamine &-Hydroxylase, N-Terminus Antibody - Product Information

Primary Accession

Host
Clonality
Polyclonal
Isotype
Calculated MW
Polyclonal
Geographics
Geographics
P09172
Sheep
Polyclonal
Geographics

## Anti-Dopamine ß-Hydroxylase, N-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 ß-Hydroxylase, N-Terminus Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## **Shipping**

Blue Ice

# Anti-Dopamine ß-Hydroxylase, N-Terminus Antibody - Protocols

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

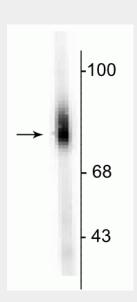




Tel: 858.875.1900 Fax: 858.875.1999

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# Anti-Dopamine &-Hydroxylase, N-Terminus Antibody - Images



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

# Anti-Dopamine &-Hydroxylase, N-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).