10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Dopamine ß-Hydroxylase, N-Terminus Antibody

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

Catalog # AN1363

Specification

Anti-Dopamine ß-Hydroxylase, N-Terminus Antibody - Product Information

Primary Accession	P09172
Host	Sheep
Clonality	Polyclonal
Isotype	IgG
Calculated MW	69065

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.

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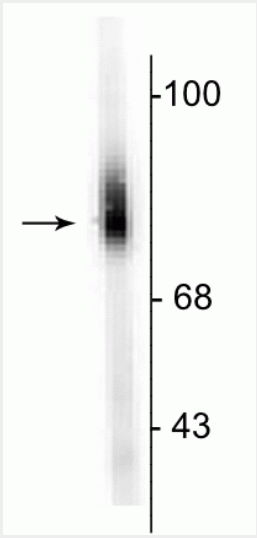
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Dopamine ß-Hydroxylase, N-Terminus Antibody - Images



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

Anti-Dopamine ß-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).