

# Anti-Dopamine & Hydroxylase, C-Terminus Antibody

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

## **Product Information**

Application	WB
Primary Accession	<u>P09172</u>
Host	Sheep
Clonality	Polyclonal
Isotype	IgG
Calculated MW	69065

### **Additional Information**

Gene ID Other Names	1621 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).
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 ß-Hydroxylase, C-Terminus Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

### 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).

#### Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.