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

Product Information

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

Additional Information

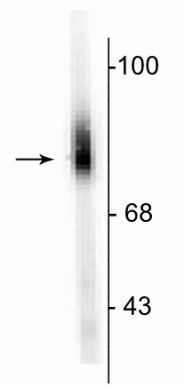
Gene ID	1621
Other Names	dbh antibody, DBM antibody, Dopamine beta hydroxylase antibody, Dopamine beta monooxygenase antibody, Dopamine beta-hydroxylase (dopamine beta-monooxygenase) antibody, Dopamine beta-monooxygenase antibody, DOPO_HUMAN antibody, OTTHUMP00000022501 antibody, Soluble dopamine beta-hydroxylase 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).
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, N-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.