

Datasheet for ABIN361427
anti-DBH antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	DBH
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This DBH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to amino acid residues from the C-terminal region conjugated to KLH
Specificity:	Specific for the ~75k DBH protein in Western blots.
Cross-Reactivity:	Human, Mouse (Murine), Non-Human Primate
Purification:	Antigen Affinity Purified from Pooled Serum

Target Details

Target:	DBH
Alternative Name:	DBH (DBH Products)
Background:	DBH catalyzes the conversion of dopamine to norepinephrine and serves as a marker of

Target Details

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). Anti-Dopamine β -Hydroxylase Western blot of human adrenal medulla lysate showing specific immunolabeling of the ~75k DBH protein.

Molecular Weight: 75 kDa

Gene ID: 1621

UniProt: [P09172](#)

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Recommended Dilution: WB: 1:1000 Quality Control: Western blots performed on each lot.

Restrictions: For Research Use only

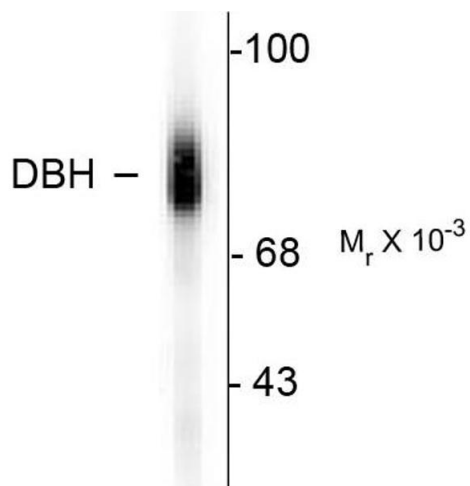
Handling

Format: Liquid

Buffer: 100 μ L in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g per ml BSA and 50 % glycerol.

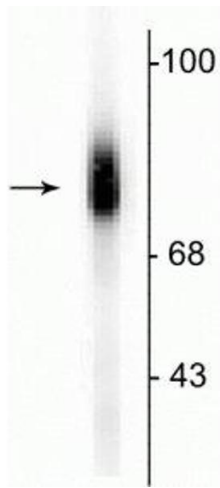
Storage: -20 $^{\circ}$ C

Images



Western Blotting

Image 1. Western blots of human adrenal medulla lysate showing specific immunolabeling of the ~75k DBH protein.



Western Blotting

Image 2. Western blot of human adrenal medulla lysate showing specific immunolabeling of the ~75 kDa DBH protein.