

DBH Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21423c

Product Information

Application WB, E **Primary Accession** P09172 Reactivity Human Host Rabbit Clonality polyclonal Isotype Rabbit IgG **Clone Names** RB48156 Calculated MW 69065

Additional Information

Gene ID 1621

Other Names Dopamine beta-hydroxylase, Dopamine beta-monooxygenase, Soluble

dopamine beta-hydroxylase, DBH

Target/SpecificityThis DBH antibody is generated from a rabbit immunized with a KLH

conjugated synthetic peptide between 270-303 amino acids from the Central

region of human DBH.

Dilution WB~~1:2000 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions DBH Antibody (Center) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

Name DBH

Function Catalyzes the hydroxylation of dopamine to noradrenaline (also known as

norepinephrine), and is thus vital for regulation of these neurotransmitters.

Cellular Location [Soluble dopamine beta-hydroxylase]: Cytoplasmic vesicle, secretory vesicle

lumen Cytoplasmic vesicle, secretory vesicle, chromaffin granule lumen.

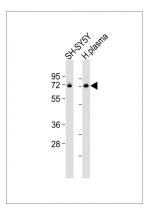
Background

Conversion of dopamine to noradrenaline.

References

Humphray S.J., et al. Nature 429:369-374(2004). Lamouroux A., et al. EMBO J. 6:3931-3937(1987). Kobayashi K., et al. Nucleic Acids Res. 17:1089-1102(1989). Li B., et al. Biochem. J. 313:57-64(1996). Liu T., et al. J. Proteome Res. 4:2070-2080(2005).

Images



All lanes: Anti-DBH Antibody (Center) at 1:2000 dilution Lane 1: SH-SY5Y whole cell lysates Lane 2: human plasma lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size: 69 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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