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DBH Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21423c

Specification

DBH Antibody (Center) - Product Information

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

DBH Antibody (Center) - Additional Information

Gene ID 1621

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

Target/Specificity
This 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

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.

DBH Antibody (Center) - 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.

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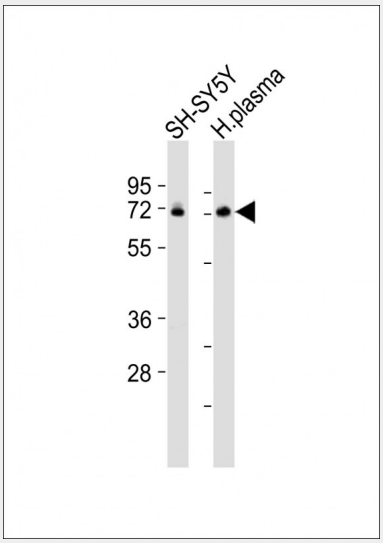
Cellular Location
[Soluble dopamine beta-hydroxylase]: Cytoplasmic vesicle, secretory vesicle lumen Cytoplasmic vesicle, secretory vesicle, chromaffin granule lumen. Secreted

DBH Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

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

DBH Antibody (Center) - 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.

DBH Antibody (Center) - Background

Conversion of dopamine to noradrenaline.

DBH Antibody (Center) - References

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Lamouroux A.,et al.EMBO J. 6:3931-3937(1987).
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