10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DBH Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20809c

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 199-232 amino acids from the Central region of human DBH.

Dilution
WB~~1:1000

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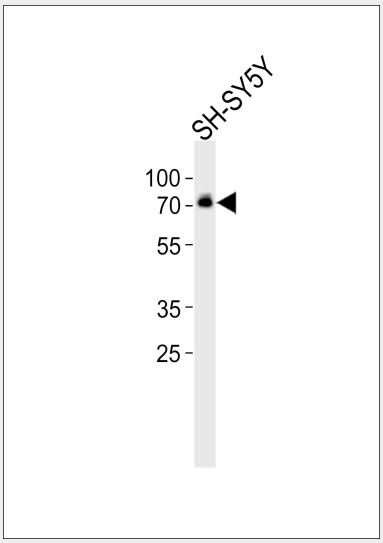
Cellular Location
[Soluble dopamine beta-hydroxylase]: Cytoplasmic vesicle, secretory vesicle lumen Cytoplasmic vesicle, secretory vesicle, chromaffin granule lumen. Secreted

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



Western blot analysis of lysate from SH-SY5Y cell line, using DBH Antibody (Center)(Cat. #AP20809c). AP20809c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

DBH Antibody (Center) - Background

Conversion of dopamine to noradrenaline.

DBH Antibody (Center) - 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).
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