

# DBH Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20809c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P09172</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB50735
<b>Calculated MW</b>	69065

## Additional Information

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<b>Gene ID</b>	1621
<b>Other Names</b>	Dopamine beta-hydroxylase, Dopamine beta-monooxygenase, Soluble dopamine beta-hydroxylase, DBH
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	DBH Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	DBH
<b>Function</b>	Catalyzes the hydroxylation of dopamine to noradrenaline (also known as norepinephrine), and is thus vital for regulation of these neurotransmitters.
<b>Cellular Location</b>	[Soluble dopamine beta-hydroxylase]: Cytoplasmic vesicle, secretory vesicle lumen Cytoplasmic vesicle, secretory vesicle, chromaffin granule lumen.

## Background

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Conversion of dopamine to noradrenaline.

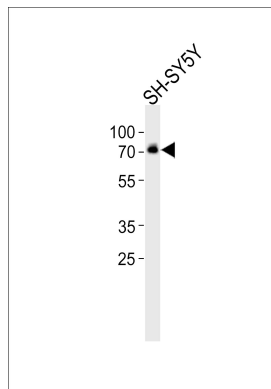
## References

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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

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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.

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