

**DBH/Dopamine Beta Hydroxylase Antibody (aa437-448)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS15864****Specification**

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**DBH/Dopamine Beta Hydroxylase Antibody (aa437-448) - Product Information**

Application	IHC
Primary Accession	<a href="#">P09172</a>
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Bovine, Guinea Pig
Host	Goat
Clonality	Polyclonal
Calculated MW	69kDa KDa

**DBH/Dopamine Beta Hydroxylase Antibody (aa437-448) - Additional Information****Gene ID** 1621**Other Names**

Dopamine beta-hydroxylase, 1.14.17.1, Dopamine beta-monoxygenase, Soluble dopamine beta-hydroxylase, DBH

**Target/Specificity**

Human DBH.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

DBH/Dopamine Beta Hydroxylase Antibody (aa437-448) is for research use only and not for use in diagnostic or therapeutic procedures.

**DBH/Dopamine Beta Hydroxylase Antibody (aa437-448) - 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**

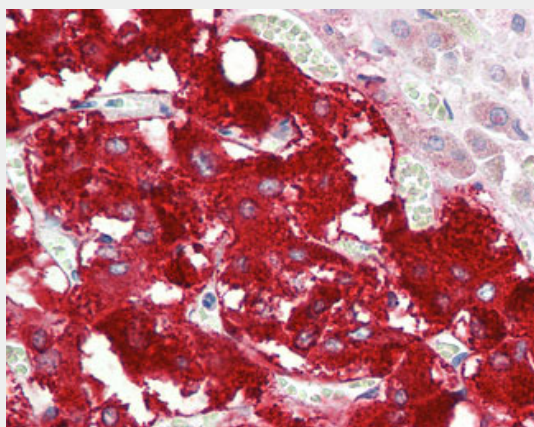
[Soluble dopamine beta-hydroxylase]: Cytoplasmic vesicle, secretory vesicle lumen Cytoplasmic vesicle, secretory vesicle, chromaffin granule lumen. Secreted

**DBH/Dopamine Beta Hydroxylase Antibody (aa437-448) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **DBH/Dopamine Beta Hydroxylase Antibody (aa437-448) - Images**



Anti-DBH/Dopamine Beta Hydroxylase antibody IHC staining of human adrenal.

#### **DBH/Dopamine Beta Hydroxylase Antibody (aa437-448) - Background**

Conversion of dopamine to noradrenaline.

#### **DBH/Dopamine Beta Hydroxylase Antibody (aa437-448) - 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).