

**Dopamine beta Hydroxylase Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51767**

## Specification

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### Dopamine beta Hydroxylase Antibody - Product Information

Application	WB, E
Primary Accession	<a href="#">P09172</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78 KDa

### Dopamine beta Hydroxylase Antibody - Additional Information

**Gene ID** 1621

#### Other Names

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

#### Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

### Dopamine beta Hydroxylase Antibody - 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

### Dopamine beta Hydroxylase Antibody - 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](#)

### **Dopamine beta Hydroxylase Antibody - Images**

### **Dopamine beta Hydroxylase Antibody - Background**

Conversion of dopamine to noradrenaline.

### **Dopamine beta Hydroxylase Antibody - 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).