

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

Specification

Dopamine beta Hydroxylase Antibody - Product Information

Application	WB, E
Primary Accession	P09172
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).