

DBH/Dopamine Beta Hydroxylase Antibody (N-Terminus)
Sheep Polyclonal Antibody
Catalog # ALS15132**Specification**

DBH/Dopamine Beta Hydroxylase Antibody (N-Terminus) - Product Information

Application	WB, IHC
Primary Accession	P09172
Reactivity	Human
Host	Sheep
Clonality	Polyclonal
Calculated MW	69kDa KDa

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

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

Target/Specificity

Specific for the ~75k DBH protein in Western blots

Reconstitution & Storage

Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions

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

DBH/Dopamine Beta Hydroxylase Antibody (N-Terminus) - 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

Volume

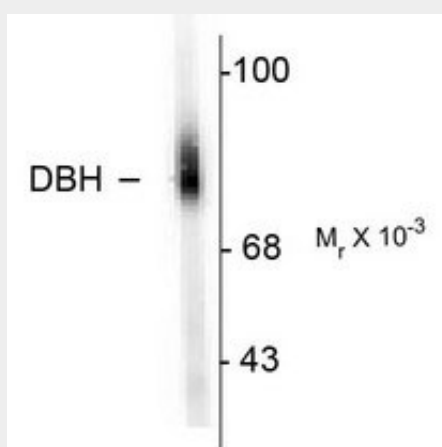
50 µl

DBH/Dopamine Beta Hydroxylase Antibody (N-Terminus) - Protocols

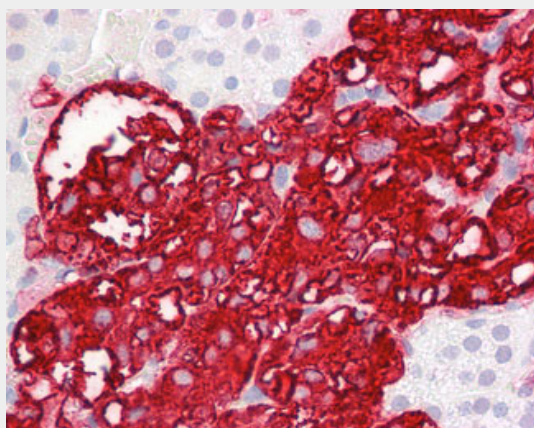
Provided below are standard protocols that you may find useful for product applications.

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

DBH/Dopamine Beta Hydroxylase Antibody (N-Terminus) - Images



Western blot of human adrenal medulla lysate showing specific immunolabeling of the ~75k DBH...



Anti-DBH antibody IHC of human adrenal.

DBH/Dopamine Beta Hydroxylase Antibody (N-Terminus) - Background

Conversion of dopamine to noradrenaline.

DBH/Dopamine Beta Hydroxylase Antibody (N-Terminus) - 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).