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DBH/Dopamine Beta Hydroxylase Antibody (aa437-448)

Goat Polyclonal Antibody
Catalog # ALS15864

Specification

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

Application	**IHC**
Primary Accession	P09172
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-monooxygenase, 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

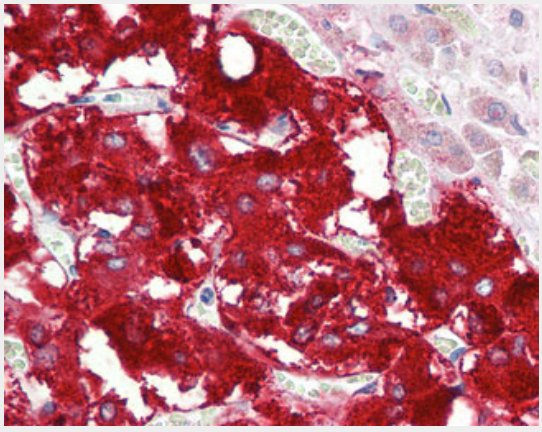
DBH/Dopamine Beta Hydroxylase Antibody (aa437-448) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).