

Dopamine beta Hydroxylase Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51767

Product Information

Application	WB
Primary Accession	P09172
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69065

Additional Information

Gene ID	1621
Other Names	Dopamine beta-hydroxylase, Dopamine beta-monoxygenase, Soluble dopamine beta-hydroxylase, DBH
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Dopamine beta Hydroxylase. The exact sequence is proprietary.
Dilution	WB~~1:1000
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

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

Background

Conversion of dopamine to noradrenaline.

References

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Lamouroux A.,et al.EMBO J. 6:3931-3937(1987).
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Li B.,et al.Biochem. J. 313:57-64(1996).
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