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DBH Antibody (N-term P42) Blocking peptide
Synthetic peptide
Catalog # BP11226a

Specification

DBH Antibody (N-term P42) Blocking peptide - Product Information

Primary Accession P09172

DBH Antibody (N-term P42) Blocking peptide - Additional Information

Gene ID 1621

Other Names
Dopamine beta-hydroxylase, Dopamine beta-monooxygenase, Soluble dopamine beta-hydroxylase, DBH

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DBH Antibody (N-term P42) Blocking peptide - 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 Antibody (N-term P42) Blocking peptide - Protocols

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

- Blocking Peptides

DBH Antibody (N-term P42) Blocking peptide - Images

DBH Antibody (N-term P42) Blocking peptide - Background

The protein encoded by this gene is an oxidoreductasebelonging to the copper type II, ascorbate-dependent monooxygenasefamily. It is present in the synaptic vesicles of postganglionicsympathetic neurons and converts dopamine to norepinephrine. Itexists in both soluble and membrane-bound forms, depending on theabsence or presence, respectively, of a signal peptide. [providedby RefSeq].

DBH Antibody (N-term P42) Blocking peptide - References

Fernandez-Castillo, N., et al. Psychiatr. Genet. 20(6):317-320(2010)Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010)Punia, S., et al. Pharmacogenet. Genomics 20(7):435-441(2010)Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :