

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-monoxygenase, 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 oxidoreductase belonging to the copper type II, ascorbate-dependent monooxygenase family. It is present in the synaptic vesicles of postganglionic sympathetic neurons and converts dopamine to norepinephrine. It exists in both soluble and membrane-bound forms, depending on the absence or presence, respectively, of a signal peptide. [provided by 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) :