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CHAT Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9593a

Specification

CHAT Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P28329

CHAT Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 1103

Other Names
Choline O-acetyltransferase, CHOACTase, ChAT, Choline acetylase, CHAT

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.

CHAT Antibody (N-term) Blocking Peptide - Protein Information

Name CHAT

Function
Catalyzes the reversible synthesis of acetylcholine (ACh) from acetyl CoA and choline at cholinergic synapses.

CHAT Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CHAT Antibody (N-term) Blocking Peptide - Images

CHAT Antibody (N-term) Blocking Peptide - Background

CHAT is an enzyme which catalyzes the biosynthesis of the neurotransmitter acetylcholine. This gene product is a characteristic feature of cholinergic neurons, and changes in these neurons may explain some of the symptoms of Alzheimer disease.

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CHAT Antibody (N-term) Blocking Peptide - References

Shaffer, J.R., et al. Nutr Metab Cardiovasc Dis (2010) In pressBeck, M., et al. Cell Tissue Res. 338(1):37-51(2009)Need, A.C., et al. Eur. J. Hum. Genet. 17(7):946-957(2009)