

HDC Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14174a**Specification**

HDC Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P19113](#)**HDC Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 3067**Other Names**

Histidine decarboxylase, HDC, HDC

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.

HDC Antibody (N-term) Blocking Peptide - Protein Information**Name** HDC**Function**

Catalyzes the biosynthesis of histamine from histidine.

HDC Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HDC Antibody (N-term) Blocking Peptide - Images**HDC Antibody (N-term) Blocking Peptide - Background**

This gene encodes a member of the group II decarboxylase family and forms a homodimer that converts L-histidine to histamine in a pyridoxal phosphate dependent manner. Histamine regulates several physiologic processes, including neurotransmission, gastric acid secretion, inflammation, and smooth muscle tone.

HDC Antibody (N-term) Blocking Peptide - References

Gervasini, G., et al. Allergy (2010) In press :Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010)
:Ercan-Sencicek, A.G., et al. N. Engl. J. Med. 362(20):1901-1908(2010)Jeong, H.J., et al. Cell. Mol. Life
Sci. 66(7):1309-1319(2009)Siezen, C.L., et al. Pediatr. Infect. Dis. J. 28(4):333-335(2009)