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# HDC Antibody (N-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP14174a**

## Specification

### HDC Antibody (N-term) Blocking Peptide - Product Information

Primary 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 decarboxylasefamily and forms a homodimer that converts L-histidine to histaminein a pyridoxal phosphate dependent manner. Histamine regulatesseveral physiologic processes, including neurotransmission, gastricacid secretion,inflamation, and smooth muscle tone.

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## 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)