10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HDC Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10524

Specification

HDC Antibody - Product Information

Application	**WB**
Primary Accession	P19113
Other Accession	AAI44174
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**74141**

HDC Antibody - Additional Information

Gene ID 3067

Application & Usage	**Western blotting (0.5-4 µg/ml). The optimal concentrations should be determined individually. The antibody detects the 73 kDa full length HDC in samples from human, mouse and rat origins. It does not cross react with DOPA decarboxylase (DDC).**

Other Names
Histidine decarboxylase

Target/Specificity
HDC

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.2 mg/ml) protein A affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
HDC Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

HDC Antibody - Protein Information

Name HDC

Function
Catalyzes the biosynthesis of histamine from histidine.

HDC Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HDC Antibody - Images

HDC Antibody - Background

Histidine decarboxylase (HDC) is the enzyme catalyzing the conversion of histidine into histamine. HDC can be found in the histamine secreting ECL cells of some species as well as in the mast cells.