

**HDC Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10524****Specification**

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**HDC Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P19113</a>
Other Accession	<a href="#">AAI44174</a>
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 Cytometry](#)
- [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.