

## HDC Polyclonal Antibody

## Description

Product type	Primary Antibody
Code	BT-AP03929
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human HDC. AA range:201-250
Mol wt	74141
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	HDC Antibody
Synonyms	HDC; Histidine decarboxylase; HDC

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

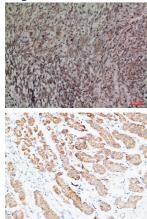
## Background

HDC 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, inflamation, and smooth muscle tone.

## **Recommended Dilution**

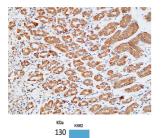
WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 300 ELISA: 1: 20000 Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

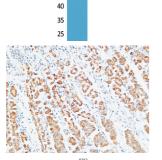
Immunohistochemical analysis of paraffin-embedded Human stomach. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



100

70 55 Immunohistochemical analysis of paraffin-embedded Human stomach. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

Western Blot analysis of K562 cells using HDC Polyclonal Antibody. Secondary antibody was diluted at 1:20000

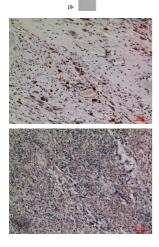


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Immunohistochemical analysis of paraffin-embedded Human stomach. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

Western blot analysis of lysate from K562 cells, using HDC Antibody.



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

Storage -20°C for one year

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