

Datasheet for ABIN7444022  
**anti-HDC antibody (AA 341-597)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	HDC
Binding Specificity:	AA 341-597
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Histidine Decarboxylase (HDC)
Immunogen:	Recombinant Histidine Decarboxylase (HDC) corresponding to Tyr341~Ser597 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against HDC. It has been selected for its ability to recognize HDC in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	HDC
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## Target Details

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Alternative Name: Histidine Decarboxylase ([HDC Products](#))

## Application Details

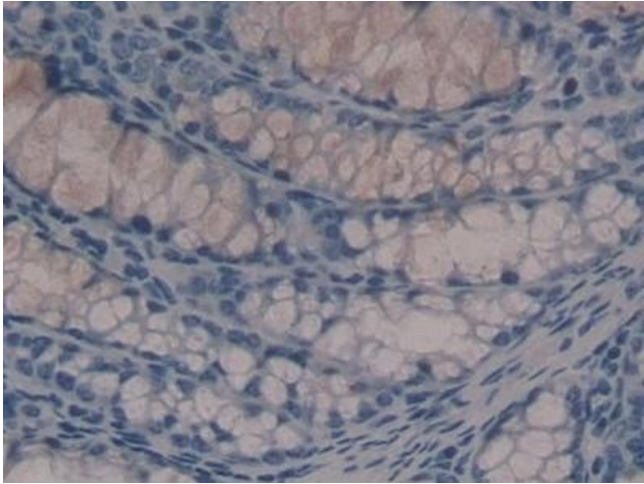
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

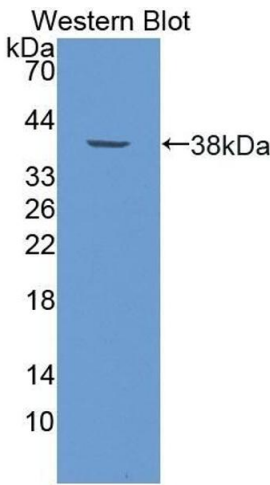
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Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



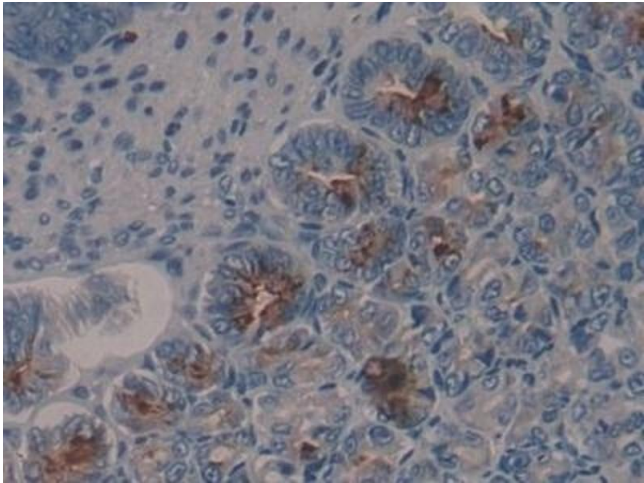
#### Immunohistochemistry

**Image 1.** Detection of HDC in Mouse Colon Tissue using Polyclonal Antibody to Histidine Decarboxylase (HDC)



#### Western Blotting

**Image 2.** Detection of Recombinant HDC, Mouse using Polyclonal Antibody to Histidine Decarboxylase (HDC)



#### Immunohistochemistry

**Image 3.** Detection of HDC in Mouse Stomach Tissue using Polyclonal Antibody to Histidine Decarboxylase (HDC)