

**• Rabbit Anti-HDC Polyclonal Antibody**

Primary Antibodies

**Background:**

Histidine decarboxylase(HDC) is the enzyme that catalyses the conversion of histidine into histamine. It can be found in the histamine secreting ECL cells of some species, as well as in the mast cells. The biogenic amine histamine is an important modulator of numerous physiological processes, including neurotransmission, gastric acid secretion and smooth muscle tone.

**Source/Purification:**

KLH conjugated synthetic peptide derived from human C-terminus. Was purified by Protein A and peptide affinity chromatography.

**Storage:** Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year.

**Reconstitution:**

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Rabbit

**Reactivities:**

Human, Mouse, Rat, Chicken, Dog, Pig, Cow,

**Application:**

- WB(1:100-500)
- ELISA(1:500-1000)
- IP(1:20-100)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- IF(1:100-500)
- Not yet tested in other applications.  
Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 73kDa

**Preservatives:**

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.