

Rabbit Anti-HDC/AF350 Conjugated antibody

SL1054R-AF350

Product Name	Anti-HDC/AF350
Chinese Name	AF350 标记的 L-组氨酸脱羧酶抗体
Alias	L-Histidine decarboxylase; EC 4.1.1.22; HDC; L-HDC; Histidine decarboxylase; DCHS_HUMAN.
Research Area	immunology Kinases and Phosphatases
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Chicken,Dog,Pig,Cow) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	74kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human HDC
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: Histidine decarboxylase(HDC) is the enzyme that calalyses 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.

Function:

Catalyzes the biosynthesis of histamine from histidine.

Subunit:

Homodimer.

Similarity:

Belongs to the group II decarboxylase family.

Database links:

[Entrez Gene: 3067](#) Human

[Entrez Gene: 15186](#) Mouse

[Entrez Gene: 24443](#) Rat

[Omim: 142704](#) Human

[SwissProt: P19113](#) Human

[SwissProt: P23738](#) Mouse

[SwissProt: P16453](#) Rat

[Unigene: 1481](#) Human

[Unigene: 18603](#) Mouse

[Unigene: 48653](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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