

Cat. No:	ABN11956
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from the Internal region of human HDC. AA range:201-250
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight:	72kDa
Purification:	Affinity purification
Synonyms:	HDC; Histidine decarboxylase; HDC
Background:	This gene 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,inflammation, and smooth muscle tone.[provided by RefSeq, Aug 2010],catalytic activity:L-histidine = histamine + CO(2).,cofactor:Pyridoxal phosphate.,pathway:Amine and polyamine biosynthesis; histamine biosynthesis; histamine from L-histidine: step 1/1.,similarity:Belongs to the group II decarboxylase family.,subunit:Homodimer.,
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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