

Immunotag™ HDC Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5225
Product Description	Immunotag™ HDC Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	HDC
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from HDC, at AA range: 191-240
Specificity	HDC Polyclonal Antibody detects endogenous levels of HDC protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	HDC
Accession No.	P19113 P23738 P16453
Alternate Names	HDC; Histidine decarboxylase; HDC
Description	histidine decarboxylase(HDC) Homo sapiens 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],

Antibody Specification

Cell Pathway/ Category	Histidine metabolism,
Protein Expression	Leukemia,
Subcellular Localization	cytosol,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.