

Rabbit HDC Polyclonal Antibody | anti-HDC antibody

HDC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327054	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

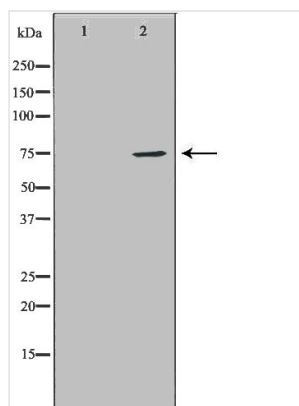
PRODUCT SYNONYMS

HDC; Polyclonal Antibody; HDC Antibody; DCHS_HUMAN; EC 4.1.1.22; Histidine decarboxylase; anti-HDC antibody

PRODUCT SPECIFICATIONS

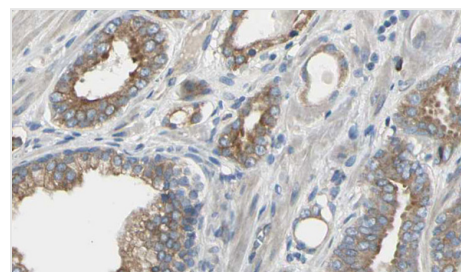
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HDC antibody detects endogenous levels of total HDC
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	629
Applicable Applications for anti-HDC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HDC, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of mouse liver, using HDC antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA327054 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-HDC antibody	Description: 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. Similarity: Belongs to the group II decarboxylase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	807066354
NCBI GeneID	3067
NCBI Accession #	NP_001293075.1
NCBI GenBank Nucleotide #	NM_001306146.1
UniProt Accession #	P19113; A1L4G0; B7ZM01
Molecular Weight	74 kDa
NCBI Official Full Name	histidine decarboxylase isoform 2
NCBI Official Synonym Full Names	histidine decarboxylase
NCBI Official Symbol	HDC
NCBI Protein Information	histidine decarboxylase
UniProt Protein Name	Histidine decarboxylase
UniProt Gene Name	HDC
UniProt Synonym Gene Names	HDC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hdc-antibody-immunohistochemistry-western-blot-elisa/327054>