

## Product datasheet for **TA323056S**

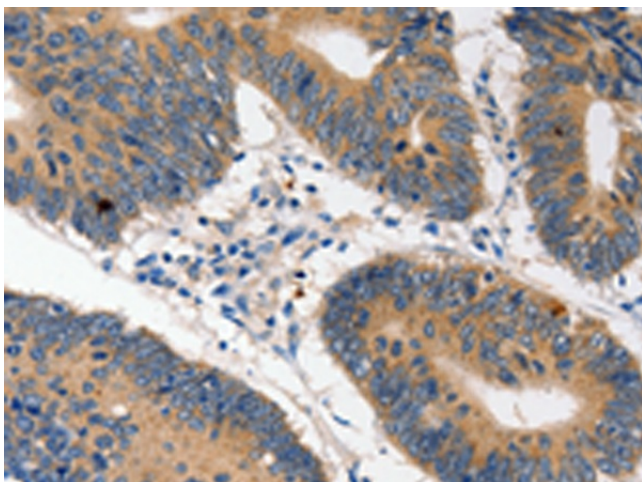
### Histidine decarboxylase (HDC) Rabbit Polyclonal Antibody

#### Product data:

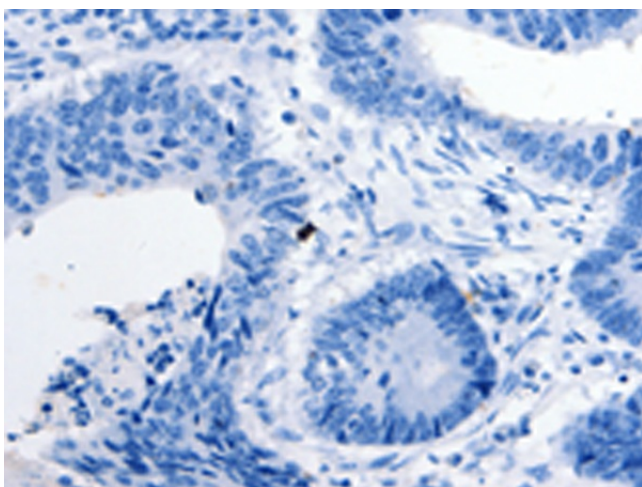
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 5-20 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a C terminal 300 amino acids of human histidine decarboxylase
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	histidine decarboxylase
Database Link:	<a href="#">NP_002103</a> <a href="#">Entrez Gene 15186 Mouse</a> <a href="#">Entrez Gene 3067 Human</a> <a href="#">P19113</a>
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.
Synonyms:	MGC163399
Protein Families:	Druggable Genome
Protein Pathways:	Histidine metabolism, Metabolic pathways



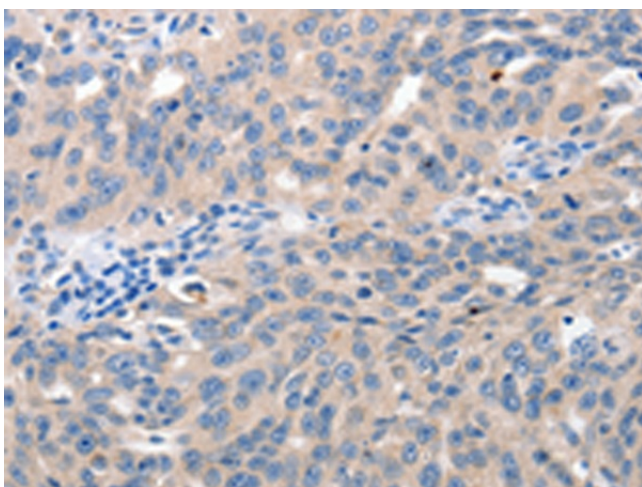
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**Product images:**

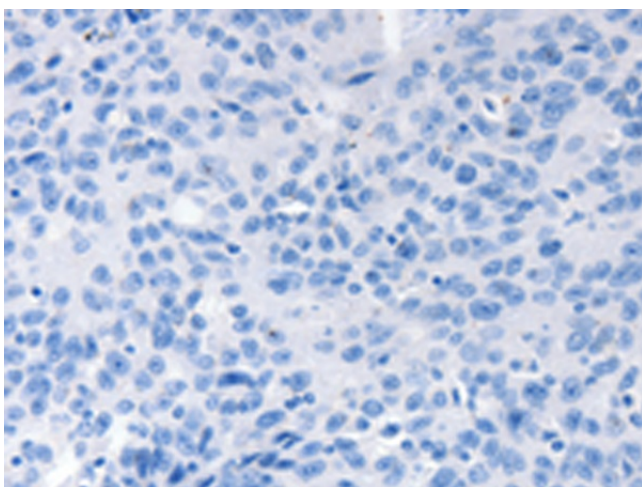
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA323056] (HDC Antibody) at dilution 1/10 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA323056] (HDC Antibody) at dilution 1/10, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA323056] (HDC Antibody) at dilution 1/10 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA323056] (HDC Antibody) at dilution 1/10, treated with fusion protein. (Original magnification: ×200)