

Product datasheet for **TA323055**

Histidine decarboxylase (HDC) Rabbit Polyclonal Antibody

Product data:

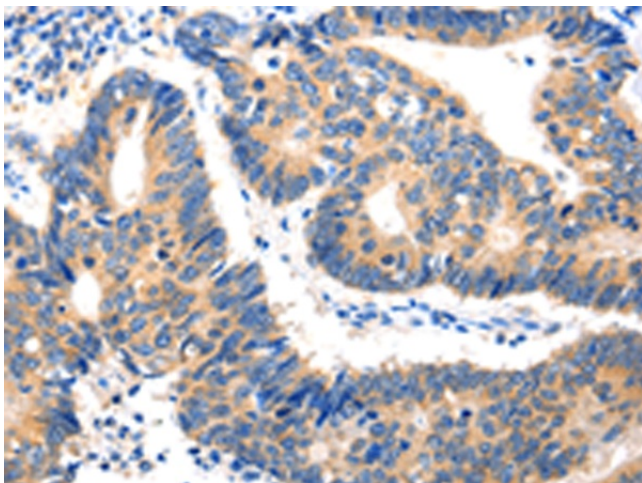
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|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | IHC: 15-50 Positive control: Human colon cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| 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 ₃ , 50% glycerol |
| Concentration: | lot specific |
| 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: | NP_002103 Entrez Gene 15186 Mouse Entrez Gene 3067 Human P19113 |
| 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 |



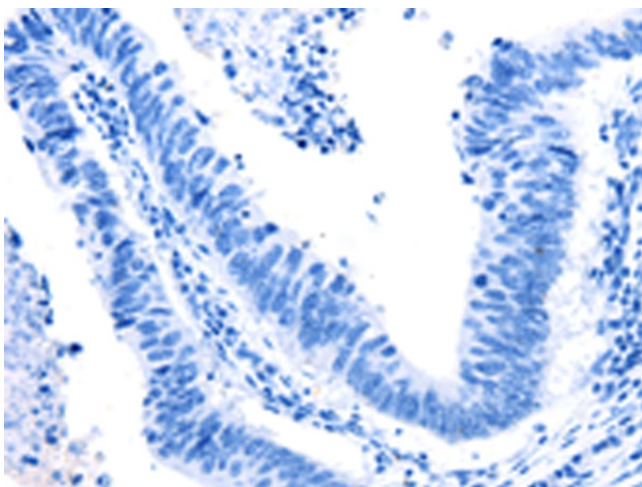
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Protein Pathways: Histidine metabolism, Metabolic pathways

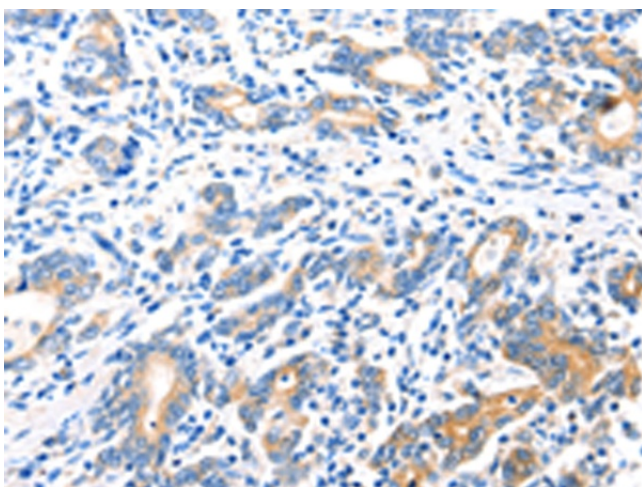
Product images:



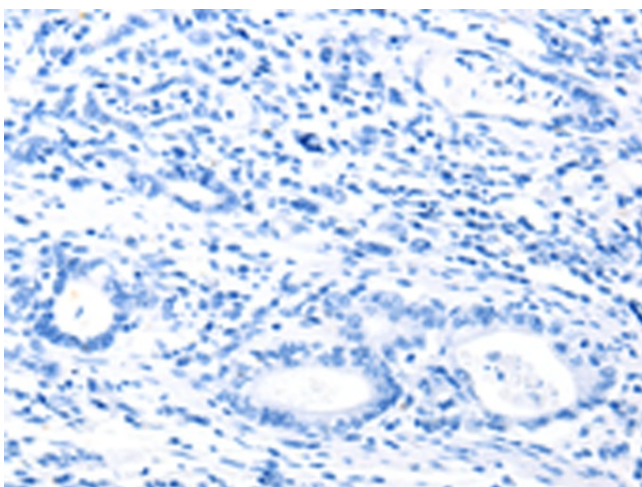
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323055 (HDC Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323055 (HDC Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA323055 (HDC Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA323055 (HDC Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)