

Product datasheet for **TA332703**

Histidine decarboxylase (HDC) Rabbit Polyclonal Antibody

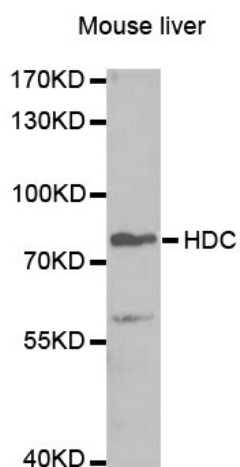
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human HDC
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	662
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
Protein Pathways:	Histidine metabolism, Metabolic pathways



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Product images:



Western blot analysis of extracts of mouse liver, using HDC antibody.