

HDC Rabbit pAb

Catalog No.: A24849

Basic Information

Observed MW

70kDa

Calculated MW

70kDa/74kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

3067

Swiss Prot

P19113

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 2-249 of human HDC(NP_002103.2).

Synonyms

HDC; histidine decarboxylase

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

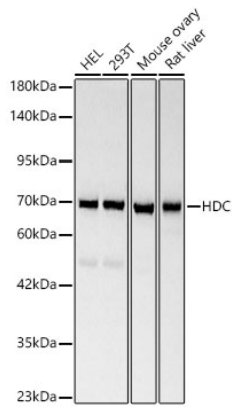
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using HDC Rabbit pAb (A24849) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates / proteins: 25 μ g per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.