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Goat Anti-histidine decarboxylase Antibody (internal region)

Purified Goat Polyclonal Antibody
Catalog # AF4268a

Specification

Goat Anti-histidine decarboxylase Antibody (internal region) - Product Information

Application	**WB, E**
Primary Accession	P19113
Other Accession	NP_002103.2
Reactivity	**Human**
Predicted	**Human, Pig, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5**
Calculated MW	**74141**

Goat Anti-histidine decarboxylase Antibody (internal region) - Additional Information

Gene ID 3067

Other Names
HDC; histidine decarboxylase

Dilution
WB~~1:1000
E~~N/A

Format
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen
Peptide with sequence C-TVTSQFTTRDDILR , from the internal region of the protein sequence according to NP_002103.2.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-histidine decarboxylase Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-histidine decarboxylase Antibody (internal region) - Protein Information

Name HDC

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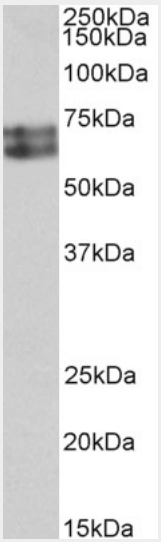
Function
Catalyzes the biosynthesis of histamine from histidine.

Goat Anti-histidine decarboxylase Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-histidine decarboxylase Antibody (internal region) - Images



AF4268a (0.03 µg/ml) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-histidine decarboxylase Antibody (internal region) - References

Structural study reveals that Ser-354 determines substrate specificity on human histidine decarboxylase. Komori H, Nitta Y, Ueno H, Higuchi Y. The Journal of biological chemistry 2012 Aug 287 (34): 29175-83.