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Anti-Histidine Decarboxylase Antibody

Catalog # AP61367

Product Information

Application	WB, IF/IC
Primary Accession	P19113
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74141

Additional Information

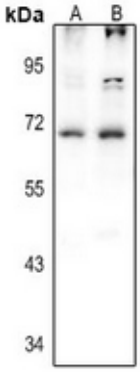
Gene ID	3067
Other Names	Histidine decarboxylase; HDC
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Histidine Decarboxylase. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

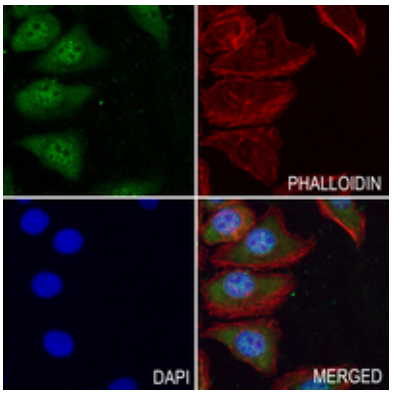
Protein Information

Name	HDC
Function	Catalyzes the biosynthesis of histamine from histidine.

Images

Western blot analysis of Histidine Decarboxylase expression in SGC7901 (A), A549 (B) whole cell lysates. (Predicted band size: 74 kD; Observed band size: 70 kD)





Immunofluorescent analysis of Histidine Decarboxylase staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.