

ARG59693 anti-HDC / Histidine decarboxylase antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HDC / Histidine decarboxylase
Tested Reactivity	Hu
Predict Reactivity	Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HDC / Histidine decarboxylase
Species	Human
Immunogen	Synthetic peptide around the internal region of Human Histidine decarboxylase. (NP_002103.2, C-TVTSQFTTRDDILR)
Conjugation	Un-conjugated
Alternate Names	HDC; Histidine decarboxylase; EC 4.1.1.22

Application Instructions

Application table	Application	Dilution
	WB	0.01 - 0.03 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 60 - 70 kDa double band	

Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

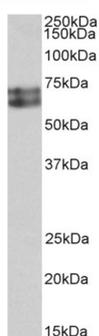
Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	HDC
Gene Full Name	histidine decarboxylase
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. [provided by RefSeq, Aug 2010]
Function	Catalyzes the biosynthesis of histamine from histidine. [UniProt]
Calculated Mw	74 kDa

Images

Human cerebellum



ARG59693 anti-HDC / Histidine decarboxylase antibody WB image

Western blot: 35 µg of Human cerebellum lysate (in RIPA buffer) stained with ARG59693 anti-HDC / Histidine decarboxylase antibody at 0.03 µg/ml dilution and incubated at RT for 1 hour.