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## Datasheet for ABIN5539539 anti-HDC antibody (AA 449-462)

Image



## Overview

Quantity:	100 µg	
Target:	HDC	
Binding Specificity:	AA 449-462	
Reactivity:	Human	
Host:	Goat	
Clonality:	Polyclonal	
Conjugate:	This HDC antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	

## Product Details

Purpose:	histidine decarboxylase (aa449-462)	
Sequence:	TVTSQFTTRD DILR	
Isotype:	lgG	
Cross-Reactivity:	Cow, Dog, Human, Pig	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Grade:	Verified	
Target Details		
Target:	HDC	

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Target Details		
Alternative Name:	HDC (HDC Products)	
Background:	HDC, histidine decarboxylase	
Gene ID:	3067	
NCBI Accession:	NP_002103	
Application Details		
Application Notes:	Western Blot: Approx 60-70 kDa double band observed in Human Brain (Cerebellum) lysates	
	(calculated MW of 74.1 kDa according to NP_002103.2). Recommended concentration: 0.01-	
	0.03 µg/mL.	
	Peptide ELISA: antibody detection limit dilution 1:128000.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum	
	albumin.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Handling Advice:	Minimize freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.	

-	250kDa 150kDa	Western Blotting
	100kDa 75kDa	Image 1. ABIN5539539 (0.03µg/ml) staining of Human
	50kDa	Cerebellum lysate (35µg protein in RIPA buffer). Primary
	37kDa	incubation was 1 hour. Detected by chemiluminescence.
	25kDa	
	20kDa	
	15kDa	

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