

Datasheet for ABIN7155328
anti-HDAC8 antibody (AA 1-377)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HDAC8
Binding Specificity:	AA 1-377
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Histone deacetylase 8 protein (1-377AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	HDAC8
Alternative Name:	HDAC8 (HDAC8 Products)
Background:	Background: Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic

Target Details

repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Also involved in the deacetylation of cohesin complex protein SMC3 regulating release of cohesin complexes from chromatin. May play a role in smooth muscle cell contractility.

Aliases: CDA07 antibody, CDLS5 antibody, HD 8 antibody, HD8 antibody, HDAC 8 antibody, Hdac8 antibody, HDAC8_HUMAN antibody, HDACL 1 antibody, HDACL1 antibody, Histone deacetylase 8 antibody, Histone deacetylase like 1 antibody, MRXS6 antibody, RPD 3 antibody, RPD3 antibody, WTS antibody

UniProt: [Q9BY41](#)

Pathways: [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

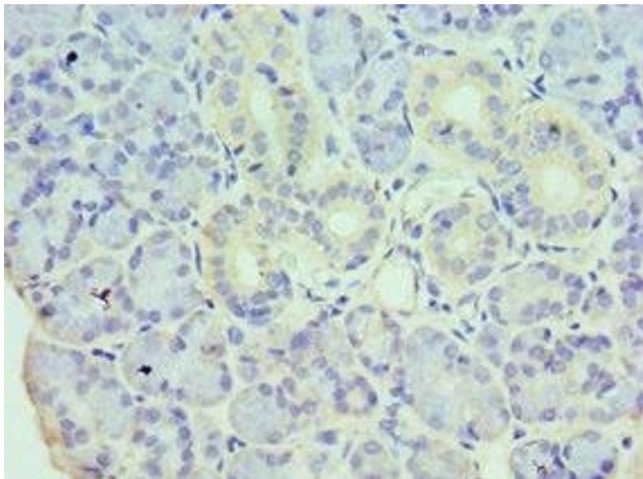
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

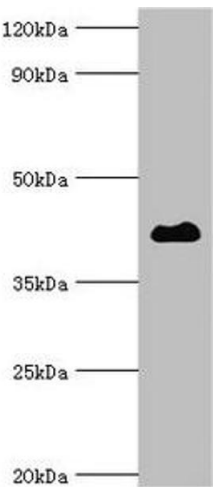
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7155328 at dilution of 1:100



Western Blotting

Image 2. Western blot Western blot All lanes: Histone deacetylase 8 antibody at 2 µg/mL + HeLa whole cell lysate
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 42, 30, 18, 32, 29, 16, 17 kDa Observed band size: 42 kDa