

Datasheet for ABIN6255291
anti-HDAC8 antibody (pSer39)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	HDAC8
Binding Specificity:	pSer39
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human HDAC8 around the phosphorylation site of Ser39.
Isotype:	IgG
Specificity:	Phospho-HDAC8 (Ser39) Antibody detects endogenous levels of HDAC8 only when phosphorylated at Serine 39.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Sheep,Rabbit,Dog
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

Target Details

Target:	HDAC8
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Target Details

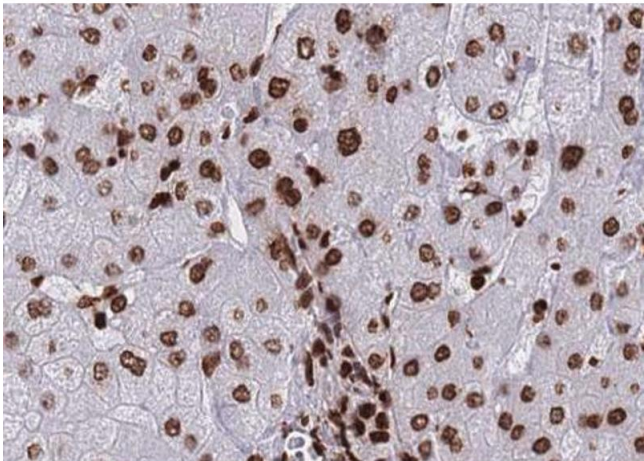
Alternative Name:	HDAC8 (HDAC8 Products)
Background:	<p>Description: Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, 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.</p> <p>Gene: HDAC8</p>
Molecular Weight:	42kDa
Gene ID:	55869
UniProt:	Q9BY41
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

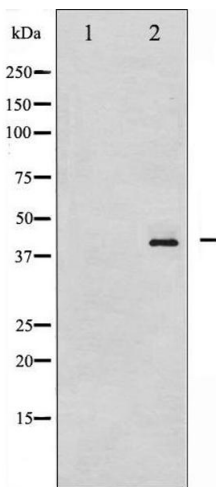
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



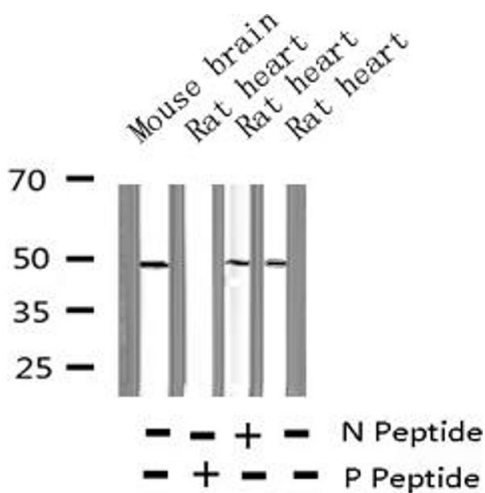
Immunohistochemistry

Image 1. ABIN6267690 at 1/100 staining human Liver carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of HDAC8 phosphorylation expression in NIH-3T3 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.



Western Blotting

Image 3. Western blot analysis of Phospho-HDAC8 (Ser39) expression in various lysates

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6255291.