

Datasheet for ABIN7298164  
**anti-HDAC7 antibody (C-Term)**



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## Overview

Quantity:	100 µL
Target:	HDAC7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Histone Deacetylase 7.
Specificity:	Recognizes endogenous levels of Histone Deacetylase 7 protein.
Characteristics:	Rabbit polyclonal antibody to Histone Deacetylase 7
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	HDAC7
Alternative Name:	Histone Deacetylase 7 ( <a href="#">HDAC7 Products</a> )
Background:	HDAC7A, Histone deacetylase 7, HD7, Histone deacetylase 7A, HD7a

## Target Details

Gene ID:	51564, 56233
UniProt:	<a href="#">Q8WUI4</a> , <a href="#">Q8C2B3</a> , <a href="#">Q99P96</a>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Skeletal Muscle Fiber Development</a>

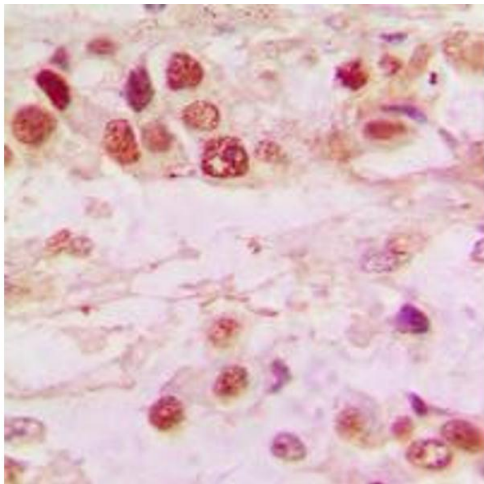
## Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

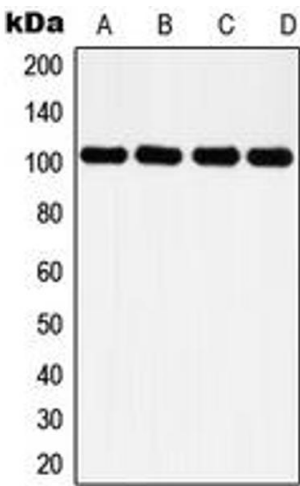
## Images



### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of Histone Deacetylase 7 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained

with haematoxylin and mounted with DPX.



**Western Blotting**

**Image 2.** Western blot analysis of Histone Deacetylase 7 expression in HeLa (A), NIH3T3 (B), PC12 (C), rat kidney (D) whole cell lysates.