

Datasheet for ABIN7263279

anti-HDAC7 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	HDAC7
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide of human HDAC7 (NP_056216.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	HDAC7
Alternative Name:	HDAC7 (HDAC7 Products)
Background:	Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse

Target Details

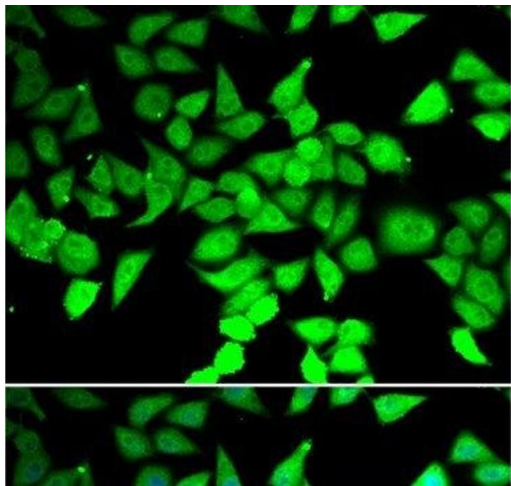
	HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	Observed_MW: 120 kDa Calculated_MW: 46-66 kDa/99-108 kDa
Gene ID:	51564
UniProt:	Q8WUI4
Pathways:	Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:100
Restrictions:	For Research Use only

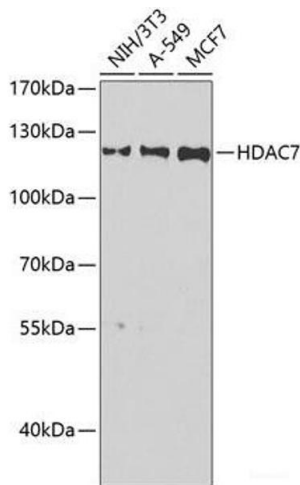
Handling

Format:	Liquid
Concentration:	1 mg/mL
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF-7 cells using HDAC7 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using HDAC7 Polyclonal Antibody at dilution of 1:1000.