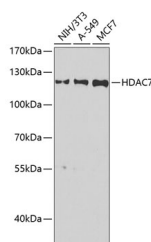


## HDAC7 Polyclonal Antibody

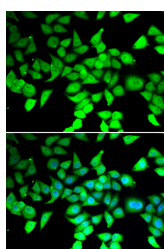
<b>Catalog No.</b>	E-AB-61619	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



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



Immunofluorescence analysis of MCF-7 cells using HDAC7 Polyclonal Antibody

### Immunogen Information

<b>Immunogen</b>	A synthetic peptide of human HDAC7 (NP_056216.2).
<b>GeneID</b>	51564
<b>Swissprot</b>	Q8WUI4
<b>Synonyms</b>	HDAC7,HD7,HD7A,HDAC7A

### Product Information

<b>Calculated MW</b>	46-66kDa/99-108kDa
<b>Observed MW</b>	120kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000 IF 1:50-1:100

### 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 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.

#### For Research Use Only

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.