

## Anti-HDAC7 antibody

<b>Cat. No.</b>	ml260484
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-HDAC7 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human HDAC7
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.3 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	HDAC7
<b>Full name</b>	histone deacetylase 7
<b>Synonyms</b>	HD7A, HDAC7A
<b>Swissprot</b>	Q8WUI4

### Target 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.

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#### Applications

##### Western blotting

Predicted band size: 66 kDa

Positive control: Hela cells

Recommended dilution: 500-2000

Gel: 6% SDS-PAGE

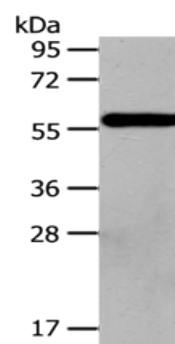
Lysate: 40 µg

Lane: Hela cells

Primary antibody: ml260484 (HDAC7 Antibody) at dilution 1/100

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



##### ELISA

Recommended dilution: 2000-5000

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