

## HDAC7

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:**103kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic peptide of human HDAC7

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

fp

**Synonym:**

HD7A; HDAC7A;

**Catalog #:**A7285

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**51564

**Isotype:**IgG

**Swiss Prot:**Q8WUI4

**Purity:**Affinity purification

For research use only.

**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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