

## HDAC8

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IP

**Recommended Dilution:**WB 1:500 - 1:2000 IP 1:20 - 1:100

**Calculated MW:**42kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human HDAC8

**Storage Buffer:**

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

**Concentration:**

fp

**Synonym:**

HD8; WTS; RPD3; CDA07; CDLS5; MRXS6; HDACL1;

**Catalog #:**A2323

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**55869

**Isotype:**IgG

**Swiss Prot:**Q9BY41

**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 belongs to class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene.

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