

Phospho-HDAC8-S39

Reactivity: Human Mouse Rat

Tested applications: IHC IF

Recommended Dilution: IHC 1:50 - 1:100 IF 1:100 - 1:200

Calculated MW: 42kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S39 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 #: AP0360

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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