

Product Datasheet

HDAC7 Antibody

Catalog No: CY5901

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB FC



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Information

UniProt ID: Q8WUI4

All Names: HD 7a; HD7; HDAC 7; HDAC 7A; Hdac7; HDAC7A; Histone deacetylase 7; Histone deacetylase 7A;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 124 kDa

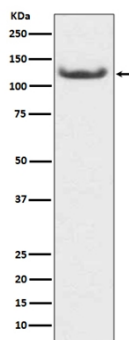
Application

WB 1:1000~1:2000

FC 1:100

Background

Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Involved in muscle maturation by repressing transcription of myocyte enhancer factors such as MEF2A, MEF2B and MEF2C.



Western blot analysis of HDAC7 expression in HeLa cell lysate.

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