

Product Datasheet

HDAC4 Antibody



Catalog No: CY5914

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB ICC/IF

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Information

UniProt ID: P56524

All Names: Histone deacetylase 4; HD4; HDAC4; AHO3; BDMR;

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.: 140 kDa

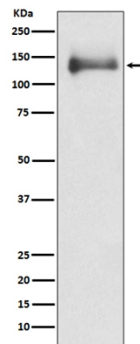
Application

WB 1:1000~1:2000

ICC/IF 1:50~1:200

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 via its interaction with the myocyte enhancer factors such as MEF2A, MEF2C and MEF2D.



Western blot analysis of HDAC4 expression in HeLa lysate.

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