

HDAC4 Polyclonal Antibody

Catalog Number: E-AB-31646



Note: Centrifuge before opening to ensure complete recovery of vial contents.

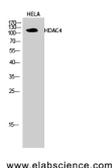
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthesized peptide derived from human HDAC4 around the non-phosphorylation site of Ser632.
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
ELISA	1:20000

Data



Western Blot analysis of HeLa cells using HDAC4 Polyclonal Antibody at dilution of 1:2000.

Observed Mw: 119kDa
Calculated Mw: 119kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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Toll-free: 1-888-852-8623

Web: www.elabscience.com

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