

HDAC5 Polyclonal Antibody

Catalog Number: E-AB-31647



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

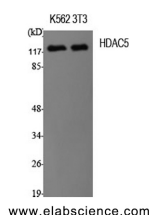
Description

Reactivity	Human, Mouse
Immunogen	Synthesized peptide derived from human HDAC5 around the non-phosphorylation site of Ser498.
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
IHC	1:100-1:300
IF	1:200-1:1000
ELISA	1:20000

Data



Western Blot analysis of K562, 3T3 cells with HDAC5 Polyclonal Antibody.
Observed Mw: 122kDa
Calculated Mw: 122kDa

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 by repressing transcription of myocyte enhancer MEF2C. During muscle differentiation, it shuttles into the cytoplasm, allowing the expression of myocyte enhancer factors.

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