

35-1182: Polyclonal Antibody to HDAC4 (Phospho-Ser632)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Rat,Mouse,Human
Gene :	HDAC4
Gene ID :	9759
Uniprot ID :	P56524
Format :	Purified
Alternative Name :	HD4
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of serine 632 (A-Q-S(p)-S-P) derived from Human HDAC4.

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 140kd, Western blotting: 1:500~1:1000

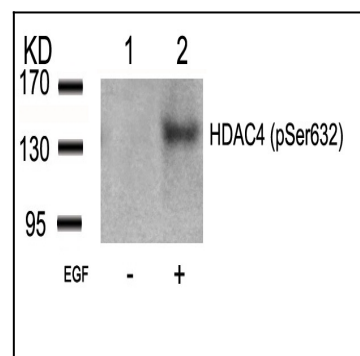


Figure 1: Western blot analysis of extracts from 293 cells untreated (lane 1) or treated with EGF (lane 2) using HDAC4(Phospho-Ser632) Antibody 35-1182 .