

HDAC4 (Ab-632) Antibody



PACO23047

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:3000

Protein 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.

Gene ID:

HDAC4

Uniprot

P56524

Synonyms:

HD4; Histone deacetylase 4; KIAA0288;

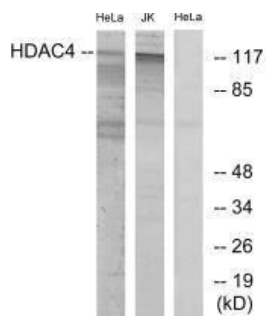
Immunogen:

Synthesized non-phosphopeptide derived from human HDAC4 around the phosphorylation site of serine 632.

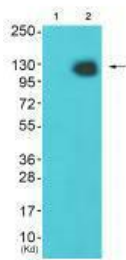
Storage:

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western blot analysis of extracts from HeLa/Jurkat cells, using HDAC4 (Ab-632) antibody.



Western blot analysis of extracts from HeLa cells (Lane 2), using HDAC4 (Ab-632) antibody. The lane on the left is treated with synthesized peptide.