

Phospho-HDAC4 (Ser632) Antibody

Cat.#: AF3349
 Size: 100ul,200ul

Concn.: 1mg/ml
 Source: Rabbit

Mol.Wt.: 119kDa
 Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide)
 1:20000-1:40000

Reactivity: Human,Mouse,Rat

Purification: The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

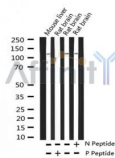
Specificity: Phospho-HDAC4 (Ser632) Antibody detects endogenous levels of HDAC4 only when phosphorylated at Serine 632.

Immunogen: A synthesized peptide derived from human HDAC4 around the phosphorylation site of Ser632.

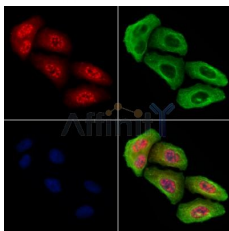
Uniprot: P56524

Description: HDAC4 a transcriptional regulator of the histone deacetylase family, subfamily 2. Deacetylates lysine residues on the N-terminal part of the core histones H2A, H2B, H3 AND H4.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of extracts from mouse liver/rat brain, using Phospho-HDAC4 (Ser632) Antibody.
 -/+ means absence or presence of N peptide(non-phospho peptide) and P peptide(phospho peptide)



AF3349 staining HeLa cells(4h of LPS treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF3349 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab

in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,
overnight.

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