



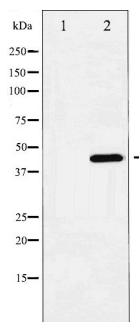
HDAC3 (Phospho-Ser424) Antibody

#14144

Catalog Number: 14144-1, 14144-2**Amount:** 50µg/50µl, 100µg/100µl**Swiss-Prot No. :** O15379**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from Human HDAC3 around the phosphorylation site of Serine 424**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity/Sensitivity:** Phospho-HDAC3 (Ser424) Antibody detects endogenous levels of HDAC3 only when phosphorylated at Serine 424**Reactivity:** Human, Mouse, Rat**Applications:**

Predicted MW: 48kd

WB: 1:500~1:2000 IHC: 1:50-200



Western blot analysis of HDAC3 phosphorylation expression in NIH-3T3 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

Background :

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA.