



HDAC2 (Phospho-Ser394) Antibody

E11-7099A

Catalog Number: E11-7099A

Concentration: 1mg/ml

Swiss-Prot No.: Q92769

Other Names: HD2; histone deacetylase 2; YY1 transcription factor binding protein; YY1BP

All Sites: Human: Ser394; Mouse: Ser394

Storage/Stability: Store at -20°C/1 year

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.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human HDAC2 around the phosphorylation site of serine 394 (E-D-S^P-G-D).

Purification: The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: HDAC2 (Phospho-Ser394) antibody detects endogenous levels of HDAC2 only when phosphorylated at serine 394.

Reactivity: Human, Mouse

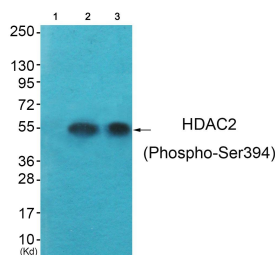
Applications: WB: 1:500~1:1000 ELISA: 1:20000

References:

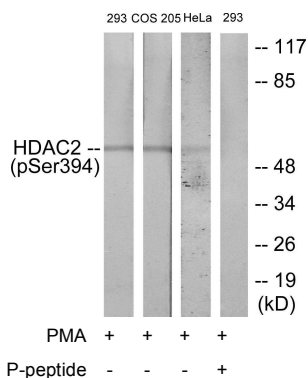
Yang W.-M., Proc. Natl. Acad. Sci. U.S.A. 93:12845-12850(1996).

Mungall A.J., Nature 425:805-811(2003).

Schmidt D.R., Biochemistry 38:14711-14717(1999).



Western blot analysis using HDAC2 (Phospho-Ser394) Antibody. Line 1: Blocking peptide; Line 2: The extracts from A549 cells ; Line 3: The extracts from HepG2 cells.



Western blot analysis of extracts from 293 cells, COS cells and HeLa cells, all treated with PMA (125ng/ml, 30mins), using HDAC2 (Phospho-Ser394) antibody.

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