

HDAC2 (Phospho-Ser394) Antibody

Catalog Number: E011191-1, E011191-2 **Amount:** 50µg/50µl, 100µg/100µl

Swiss-Prot No.: Q92769

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

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.

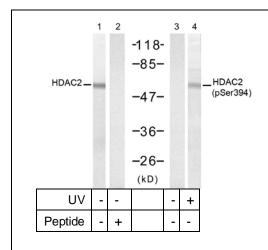
Specificity/Sensitivity: HDAC2 (Phospho-Ser394) antibody detects endogenous levels of HDAC2 only when

phosphorylated at serine 394.

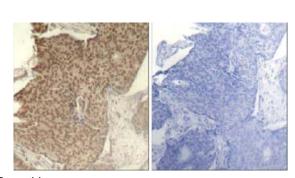
Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100-200

References: Tsai SC, et al.(2002) J Biol Chem; 277(35): 31826-33



Western blot analysis of extracts from HT-29 cells untreated or treated with UV (20min), using HDAC2 (Ab-394) antibody (E021140, Lane 1 and 2) and HDAC2 (Phospho-Ser394) antibody (E011191, Lane 3 and 4).



P-peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC2 (Phospho-Ser394) antibody (E011191).