

HDAC2 (phospho Ser394) rabbit pAb**Cat#: orb764292 (Manual)**

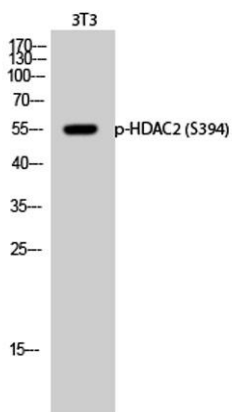
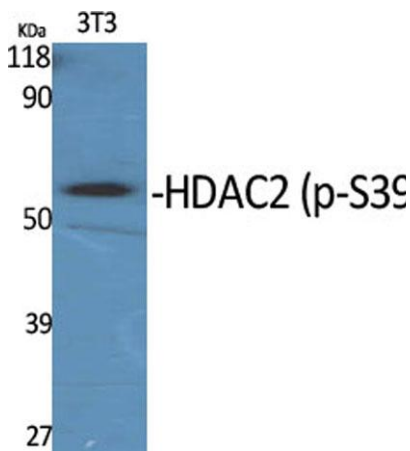
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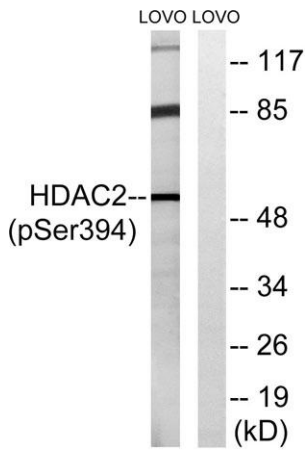
Product Name	HDAC2 (phospho Ser394) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human HDAC2 around the phosphorylation site of Ser394. AA range:360-409
Specificity	Phospho-HDAC2 (S394) Polyclonal Antibody detects endogenous levels of HDAC2 protein only when phosphorylated at S394.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Histone deacetylase 2
Gene Name	HDAC2
Cellular localization	Nucleus . Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	3066
Human Swiss-Prot Number	Q92769
Alternative Names	HDAC2; Histone deacetylase 2; HD2

Background

This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2010].





Western blot analysis of lysates from LOVO cells, using HDAC2 (Phospho-Ser394) Antibody. The lane on the right is blocked with the phospho peptide.