



# HDAC2 (phospho Ser394) rabbit pAb

Cat No.:ES1417

For research use only

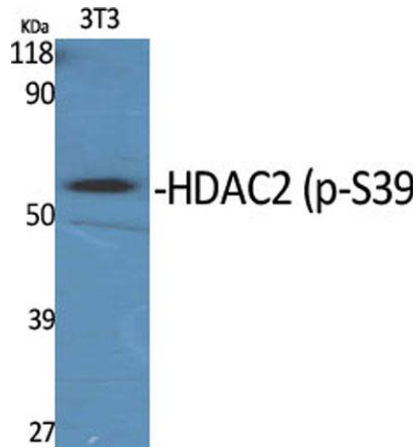
## Overview

<b>Product Name</b>	HDAC2 (phospho Ser394) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat;Monkey
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HDAC2 around the phosphorylation site of Ser394. AA range:360-409
<b>Specificity</b>	Phospho-HDAC2 (S394) Polyclonal Antibody detects endogenous levels of HDAC2 protein only when phosphorylated at S394.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Histone deacetylase 2
<b>Gene Name</b>	HDAC2
<b>Cellular localization</b>	Nucleus . Cytoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	55kD
<b>Human Gene ID</b>	3066
<b>Human Swiss-Prot Number</b>	Q92769
<b>Alternative Names</b>	HDAC2; Histone deacetylase 2; HD2
<b>Background</b>	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

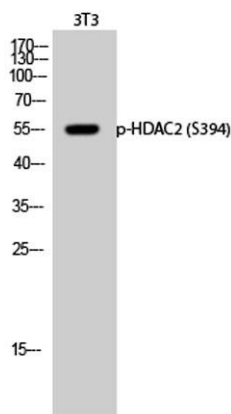




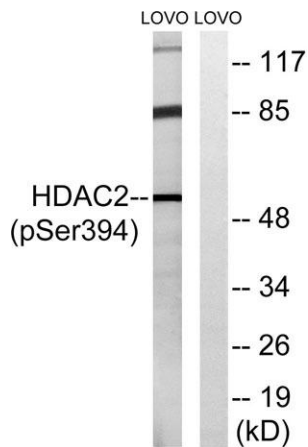
repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2010],



Western Blot analysis of various cells using Phospho-HDAC2 (S394) Polyclonal Antibody



Western Blot analysis of 3T3 cells using Phospho-HDAC2 (S394) Polyclonal Antibody



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

