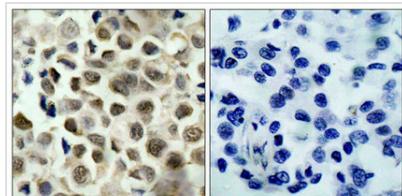
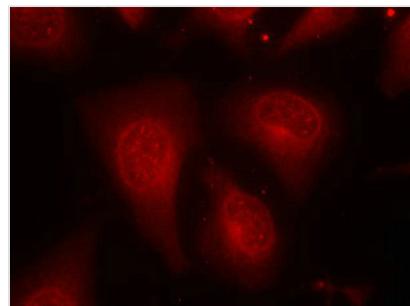


Phospho-HDAC8 (Ser39) Antibody

Product Code	CSB-PA795062
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9BY41
Immunogen	Peptide sequence around phosphorylation site of serine 39 (R-A-S(p)-M-V) derived from Human HDAC8.
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Specificity	The antibody detects endogenous level of HDAC8 only when phosphorylated at serine 39.
Tested Applications	ELISA, IHC, IF; IHC: 1:50-1:100, IF: 1:100-1:200
Relevance	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. The protein encoded by HDAC8 gene belongs to class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene.
<p>Lee H, et al. (2004) Mol Cell Biol. 24(2): 765-773.</p>	
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography usi
Clonality	Polyclonal
Alias	HD8; HDA8; HDACL1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	HDAC8

Image


Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using HDAC8(Phospho-Ser39) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using HDAC8(Phospho-Ser39) Antibody.

Product Modify**Phospho-Ser39**