HDAC8(Phospho-Ser39) Antibody

Catalog No: #11128

Package Size: #11128-1 50ul #11128-2 100ul #11128-4 25ul

Overview

Product Name	HDAC8(Phospho-Ser39) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	HDAC8
Modification	Phospho-Ser39
Alternative Names	HD8; HDA8; HDACL1

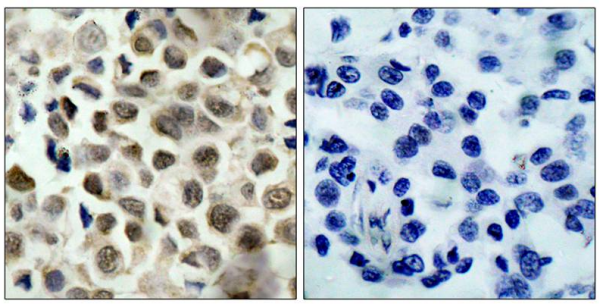
Application Details

Predicted MW: 42kd

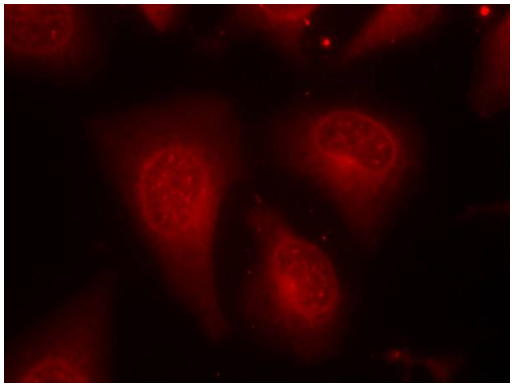
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

Images



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using HDAC8(Phospho-Ser39) Antibody #11128(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using HDAC8(Phospho-Ser39) Antibody #11128.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 39 (R-A-S(p)-M-V) derived from Human HDAC8.
Specificity	The antibody detects endogenous level of HDAC8 only when phosphorylated at serine 39.
Purifiction	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 chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q9BY41NCBI Protein: NP_001159890.1

Related Information

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.

Lee H, et al. (2004) Mol Cell Biol. 24(2): 765-773.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.