

Anti-Phospho-HDAC8 (Ser39) Polyclonal Antibody

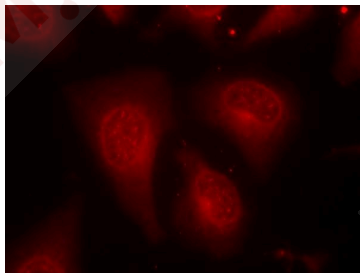
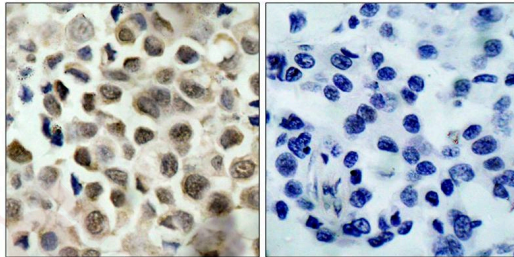
Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Purification:	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 using non-phosphopeptide.

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using HDAC8 (Phospho-Ser39) Antibody TMAC-01791 (left) or the same antibody preincubated with blocking peptide (right).
2. Immunofluorescence staining of methanol-fixed Hela cells using HDAC8 (Phospho-Ser39) Antibody TMAC-01791.



Application: IF,IHC

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of serine 39 (R-A-S(p)-M-V) derived from Human HDAC8
Antigen Species:	Human
Uniprot ID:	Q9BY41
Synonyms:	HDAC8 (p-S39);HDAC8 (p-Ser39);p-HDAC8 (Ser39);p-HDAC8 (S39)

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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