

## HDAC6 (Phospho-Ser22) Antibody

Catalog No: #11984

Package Size: #11984-1 50ul #11984-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

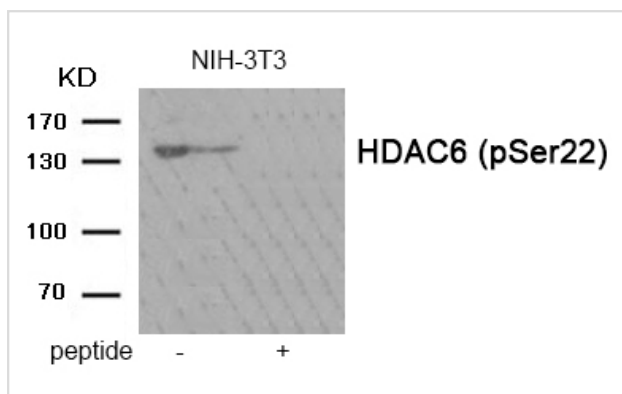
## Description

Product Name	HDAC6 (Phospho-Ser22) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of HDAC6 only when phosphorylated at serine 22.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 22 (P-Q-S(p)-P-P) derived from Human HDAC6.
Target Name	HDAC6
Modification	Phospho
Other Names	HD6; HDA6; Histone deacetylase 6; JM21;
Accession No.	Swiss-Prot#: Q9UBN7; NCBI Gene#: 10013; NCBI Protein#: NP_006035.2
Uniprot	Q9UBN7
GeneID	10013;
SDS-PAGE MW	131kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

## Application Details

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from NIH-3T3 tissue using HDAC6 (Phospho-Ser22) antibody #11984. The lane on the right is treated with the antigen-specific peptide.

## Background

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Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. By similarity, plays a central role in microtubule-dependent cell motility via deacetylation of tubulin.

Chen S, Owens GC, Makarenkova H, Edelman DB (2010) PLoS One 5, e10848.

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Note: This product is for in vitro research use only