Data Sheet (Cat.No.TMAC-01783)

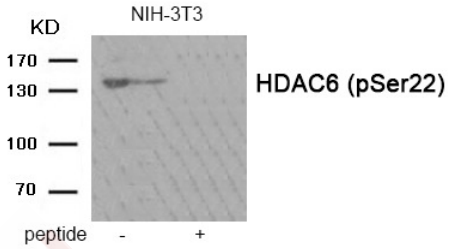
Anti-Phospho-HDAC6 (Ser22) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 131 kDa.
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 chromatogramphy using non-phosphopeptide.

Applications

Verified Activity: 1. Western blot analysis of extracts from NIH-3T3 tissue using HDAC6 (Phospho-Ser22) antibody TMAC-01783. The lane on the right is treated with the antigen-specific peptide.



Application:	WB
Recommended	WB: 1:500-1000

Properties

Stability & Storage:	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 22 (P-Q-S(p)-P-P) derived from Human HDAC6
Antigen Species:	Human
Uniprot ID:	Q9UBN7
Synonyms:	HDAC6 (p-S22);HDAC6 (p-Ser22);p-HDAC6 (Ser22);p-HDAC6 (S22)

Research Background

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.

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