

HDAC6 (Phospho-Ser22) Conjugated Antibody

Catalog No: #C11984



Package Size: #C11984-AF350 100ul #C11984-AF405 100ul #C11984-AF488 100ul
 #C11984-AF555 100ul #C11984-AF594 100ul #C11984-AF647 100ul
 #C11984-AF680 100ul #C11984-AF750 100ul #C11984-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	HDAC6 (Phospho-Ser22) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of HDAC6 only when phosphorylated at serine 22.
Immunogen Description	Peptide sequence around phosphorylation site of serine 22 (P-Q-S(p)-P-P) derived from Human HDAC6.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HD6;HDA6;Histone deacetylase 6;JM21
Accession No.	Swiss-Prot#:Q9UBN7NCBI Gene ID:10013NCBI mRNA#:NM_006044.2NCBI Protein#:NP_006035.2
Uniprot	Q9UBN7
GeneID	10013;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	131
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

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.

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.

Note: This product is for in vitro research use only