HDAC4/HDAC5/HDAC9 (Ab-246/259/220) Conjugated Antibody

Catalog No: #C21517

Orders: order@signalwayantibody.com
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Package Size: #C21517-AF350 100ul #C21517-AF405 100ul #C21517-AF488 100ul #C21517-AF555 100ul #C21517-AF594 100ul #C21517-AF647 100ul #C21517-AF680 100ul #C21517-AF750 100ul #C21517-Biotin 100ul

Description

Product Name	HDAC4/HDAC5/HDAC9 (Ab-246/259/220) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total HDAC4/HDAC5/HDAC9 protein.
Immunogen Description	Peptide sequence around aa.244~248/257~261/218~222 (T-A-S-E-P) derived from Human HDAC4/HDAC5/HDAC9.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HD4/HD5/HD9
Accession No.	Swiss-Prot#:P56524 Q9UQL6 Q9UKV0NCBI Gene ID:9759 10014 9734 NCBI mRNA#:NM_006037.3 NM_001015053.1 NM_014707.1 NCBI Protein#:NP_006028.2 NP_001015053.1 NP_055522.1
Uniprot	P56524
GeneID	9759;
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	140 124 111
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 peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

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. Involved in muscle maturation via its interaction with the myocyte enhancer factors such as MEF2A, MEF2C and MEF2D.

Note: This product is for in vitro research use only