mSin3A Conjugated Antibody

Catalog No: #C49594

Package Size: #C49594-AF350 100ul #C49594-AF405 100ul #C49594-AF488 100ul #C49594-AF555 100ul #C49594-AF594 100ul #C49594-AF647 100ul #C49594-AF680 100ul #C49594-AF750 100ul #C49594-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	mSin3A Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AW553200 antibody DKFZP434K2235 antibody FLJ90319 antibody Histone deacetylase complex subunit Sin 3a antibody Histone deacetylase complex subunit Sin3a antibody KIAA0700 antibody Kiaa4126 antibody mKIAA4126 antibody Paired amphipathic helix protein Sin 3a antibody Paired amphipathic helix protein Sin3a antibody Sin 3a antibody SIN3 homolog A antibody SIN3 homolog A transcription regulator (yeast) antibody SIN3 homolog A transcription regulator antibody SIN3 transcription regulator homolog A antibody Sin3a antibody SIN3A protein antibody SIN3A_HUMAN antibody Transcriptional co repressor Sin 3A antibody Transcriptional co repressor Sin3A antibody Transcriptional corepressor Sin3a antibody Transcriptional regulator SIN3A antibody
Accession No.	Swiss-Prot#:Q96ST3
Uniprot	Q96ST3
GeneID	25942;
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	145 kDa
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

Background

It is now well established that Myc regulation of cell proliferation and differentiation involves a family of related transcription factors. One such factor, Max, is an obligate heterodimeric partner for Myc and can also form heterodimers with at least four related proteins designated Mad 1, Mxi1 (alternatively designated Mad 2), Mad 3 and Mad 4. Like Mad 1 and Mxi1, association of Mad 3 and Mad 4 with Max results in transcriptional repression. Both Myc and the Mad proteins have short half-lives and their synthesis is tightly regulated, while Max expression is constitutive and relatively stable. Two related mammalian cDNAs have been identified and shown to encode Mad-binding proteins. Both possess sequence homology with the yeast transcription repressor Sin3 including four conserved paired amphipathic helix (PAH) domains. mSin3A and mSin3B specifically interact with the Mad proteins via their second paired amphipathic helix domain (PAH2). It has been suggested that Mad-Max heterodimers repress transcription by tethering mSin3 to DNA as corepressors.

Note: This product is for in vitro research use only