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anti-SIN3A antibody



Overview

Quantity:	100 μL
Target:	SIN3A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SIN3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Alternative Name:

Froduct Details	
Immunogen:	Human mSin3A aa 1-100
Clone:	3A6
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.
Target Details	
Target:	SIN3A

Sin3A (SIN3A Products)

Target Details

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Background:	Synonyms: Paired amphipathic helix protein Sin3a, Histone deacetylase complex subunit Sin3a,
	Transcriptional corepressor mSin3a, SIN3A, WITKOS.
	Background: Acts as a transcriptional repressor. Corepressor for REST. Interacts with MXI1 to
	repress MYC responsive genes and antagonize MYC oncogenic activities. Also interacts with
	MXD1-MAX heterodimers to repress transcription by tethering SIN3A to DNA. Acts
	cooperatively with OGT to repress transcription in parallel with histone deacetylation. Involved
	in he control of the circadian rhythms. Required for the transcriptional repression of circadian
	target genes, such as PER1, mediated by the large PER complex through histone deacetylation.
	Cooperates with FOXK1 to regulate cell cycle progression probably by repressing cell cycle
	inhibitor genes expression.
Gene ID:	25942
UniProt:	Q96ST3
Pathways:	Activation of Innate immune Response, Carbohydrate Homeostasis, Chromatin Binding,
	Regulation of Lipid Metabolism by PPARalpha
Application Details	
Application Notes:	WB 1:300-5000
	FCM 1:20-100
	IHC-P 1:200-400
	IF(IHC-P) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent
	freeze-thaw cycles.
Expiry Date:	12 months