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Datasheet for ABIN7162486
anti-SIN3A antibody (AA 1-123) (HRP)

Overview

Quantity:	100 µg
Target:	SIN3A
Binding Specificity:	AA 1-123
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIN3A antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Paired amphipathic helix protein Sin3a protein (1-123AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SIN3A
Alternative Name:	SIN3A (SIN3A Products)
Background:	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

Target Details

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 the 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 (By similarity).

Aliases: 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

UniProt: [Q96ST3](#)

Pathways: [Activation of Innate immune Response](#), [Carbohydrate Homeostasis](#), [Chromatin Binding](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.