

Datasheet for ABIN7193417
anti-SIRT2 antibody (AA 275-389)

3 Images

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Overview

Quantity:	0.1 mg
Target:	SIRT2
Binding Specificity:	AA 275-389
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human SIRT2 (AA: 275-389) expressed in E. coli.
Clone:	5H11H9
Isotype:	IgG1
Purification:	purified

Target Details

Target:	SIRT2
Alternative Name:	SIRT2 (SIRT2 Products)
Background:	Description: This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined, however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress

Target Details

recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Several transcript variants are resulted from alternative splicing of this gene. [provided by RefSeq, Jul 2010]

Aliases: SIR2, SIR2L, SIR2L2

Molecular Weight:	43.2 kDa
Gene ID:	22933

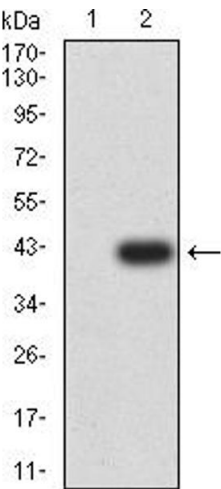
Application Details

Application Notes:	WB:1:500 - 1:2000, ELISA:1:10000,
Restrictions:	For Research Use only

Handling

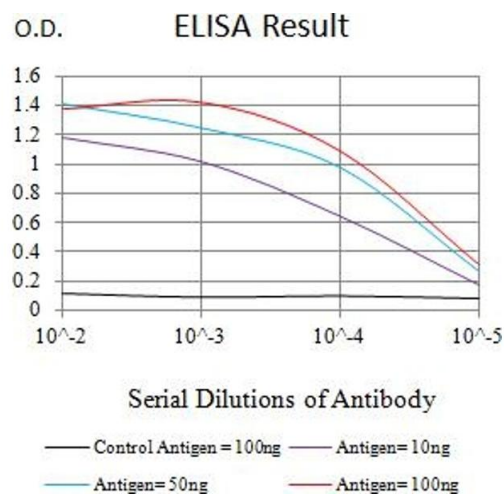
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

Images



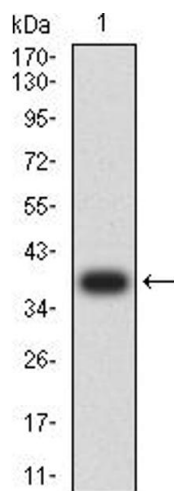
Western Blotting

Image 1. Western blot analysis using SIRT2 mAb against HEK293 (1) and SIRT2 (AA: 275-389)-hlgGfc transfected HEK293 (2) cell lysate.



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using SIRT2 mAb against human SIRT2 (AA: 275-389) recombinant protein. (Expected MW is 38.3 kDa)