SIRT6(Phospho-Ser338) Antibody HRP Conjugated

Catalog No: #C05893H

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Description

Product Name	SIRT6(Phospho-Ser338) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human SIRT6 around the phosphorylation site of Ser338
Conjugates	HRP
Target Name	SIRT6 Ser338
Other Names	SIR2L6; NAD-dependent protein deacetylase sirtuin-6; Regulatory protein SIR2 homolog 6; SIR2-like protein 6; SIRT6
Accession No.	Swiss-Prot#Q8N6T7NCBI Gene ID51548
Uniprot	Q8N6T7
GeneID	51548;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

Background

NAD-dependent protein deacetylase. Has deacetylase activity towards histone H3K9Ac and H3K56Ac. Modulates acetylation of histone H3 in telomeric chromatin during the S-phase of the cell cycle. Deacetylates histone H3K9Ac at NF-kappa-B target promoters and may down-regulate the expression of a subset of NF-kappa-B target genes. Acts as a corepressor of the transcription factor HIF1A to control the expression of multiple glycolytic genes to regulate glucose homeostasis. Required for genomic stability. Regulates the production of TNF protein. Has a role in the regulation of life span (By similarity). Deacetylation of nucleosomes interferes with RELA binding to target DNA. May be required for the association of WRN with telomeres during S-phase and for normal telomere maintenance. Required for genomic stability. Required for normal IGF1 serum levels and normal glucose homeostasis. Modulates cellular senescence and apoptosis. On DNA damage, promotes DNA end resection via deacetylation of RBBP8. Has very weak deacetylase activity and can bind NAD(+) in the absence of acetylated substrate.

Note: This product is for in vitro research use only