

SirT1 (phospho-Ser27) rabbit pAb

Catalog No: #13522

Package Size: #13522-1 50ul #13522-2 100ul

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Description

Product Name	SirT1 (phospho-Ser27) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human
Specificity	This antibody detects endogenous levels of Human SirT1 (phospho-Ser27)
Immunogen Description	Synthesized phospho peptide around human SirT1 (Ser27)
Other Names	NAD-dependent protein deacetylase sirtuin-1 (hSIRT1) (EC 3.5.1.-) (Regulatory protein SIR2 homolog 1) (SIR2-like protein 1) (hSIR2) [Cleaved into: SirT1 75 kDa fragment (75SirT1)]
Accession No.	Swiss Prot:Q96EB6GeneID:23411
Uniprot	Q96EB6
GeneID	23411
SDS-PAGE MW	85-110
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

WB 1:1000-2000

Background

sirtuin 1(SIRT1) Homo sapiens 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 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2008],

Note: This product is for in vitro research use only