Phospho-SIRT1 (Ser47) Rabbit pAb

db1531 **Package : 20μL 50μL 100μL**

Product Name : Phospho-SIRT1 (Ser47) Rabbit pAb
Cat.No.: db1531
Synonyms : SIR2; SIR2L1; SIR2alpha
Application : WB, IHC, ICC/IF
Reactivity : Human
Host species : Rabbit

Background	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]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser47 of human SIRT1
Gene ID	23411
Swiss Prot	Q96EB6
Synonyms	SIR2; SIR2L1; SIR2alpha
Reactivity	Human
Application	WB, IHC, ICC/IF
Recommended dilution	WB: 1:1000 IHC: 1:50 ICC/IF: 1:50
Calculated MW	82 kDa
Observed MW	120 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.