

## 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.

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