

SIRT1 (phospho Ser47) rabbit pAb

Cat No.:ES5341

For research use only

Overview

Product Name SIRT1 (phospho Ser47) rabbit pAb

Host species Rabbit

Applications WB;ELISA;IHC **Species Cross-Reactivity** Human;Mouse

Recommended dilutions WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000

Immunogen Synthesized phospho-peptide around the

phosphorylation site of human SIRT1 (phospho

Ser47)

Specificity Phospho-SIRT1 (S47) Polyclonal Antibody detects

endogenous levels of SIRT1 protein only when

phosphorylated at S47.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name NAD-dependent protein deacetylase sirtuin-1

Gene Name SIRT1

Cellular localization Nucleus, PML body . Cytoplasm . Nucleus . Recruited

to the nuclear bodies via its interaction with PML (PubMed:12006491). Colocalized with APEX1 in the nucleus (PubMed:19934257). May be found in nucleolus, nuclear euchromatin, heterochromatin

and inner me

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 85-110kD
Human Gene ID 23411
Human Swiss-Prot Number Q96EB6

Alternative Names SIRT1; SIR2L1; NAD-dependent protein deacetylase

sirtuin-1; hSIRT1; Regulatory protein SIR2 homolog

1; SIR2-like protein 1; hSIR2

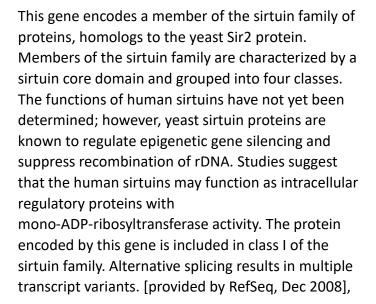


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Background





Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

