

Product Datasheet

Phospho-SIRT1 (T530) Antibody

Catalog No: CY5853

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: Q96EB6

All Names: NAD-dependent protein deacetylase sirtuin-1; hSIRT1; Regulatory protein SIR2 homolog 1; SIR2-like protein 1; hSIR2; SirtT1 75 kDa fragment; 75SirT1; SIRT1; SIR2L1;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

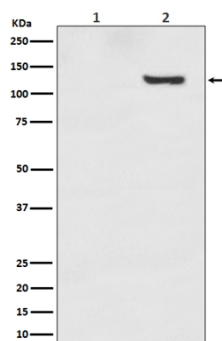
Molecular Wt.: 120 kDa

Application

WB 1:1000~1:2000

Background

The Silent Information Regulator (SIR2) family of genes is a highly conserved group of genes that encode nicotinamide adenine dinucleotide (NAD)-dependent protein deacetylases, also known as class III histone deacetylases. SirT1 deacetylase activity is inhibited by nicotinamide and activated by resveratrol. In addition, SirT1 activity may be regulated by phosphorylation, as it is phosphorylated at Ser27 and Ser47 in vivo; however, the function of these phosphorylation sites has not yet been determined.



Western blot analysis of Phospho-SIRT1 (T530) expression in (1) 293T cell lysate; (2) 293T cell treated with Calyculin A.

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