

Product Datasheet

Sir2/SIRT1 Antibody



Catalog No: CY5023

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF, IP

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Information

UniProt ID: Q96EB6

All Names: EC 3.5.1.-; hSIR2; hSIRT1; NAD-dependent deacetylase sirtuin 1; SIR1; SIR2-like protein 1; SIR2L1; sirtuin 1

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.: 110 kDa

Application

WB: 1:500~1:2000

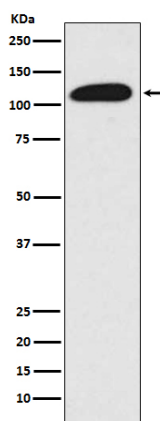
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

IP: 1:30

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.



Western blot analysis of Sir2/SIRT1 expression in Jurkat cell lysate.

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