

SIRT2 Antibody, Biotin conjugated



PACO47997

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein Background:**

NAD-dependent protein deacetylase, which deacetylates internal lysines on histone and alpha-tubulin as well as many other proteins such as key transcription factors. Participates in the modulation of multiple and diverse biological processes such as cell cycle control, genomic integrity, microtubule dynamics, cell differentiation, metabolic networks, and autophagy. Plays a major role in the control of cell cycle progression and genomic stability. Functions in the antephasic checkpoint preventing precocious mitotic entry in response to microtubule stress agents, and hence allowing proper inheritance of chromosomes. Positively regulates the anaphase promoting complex/cyclosome (APC/C) ubiquitin ligase complex activity by deacetylating CDC20 and FZR1, then allowing progression through mitosis.

Gene ID:

SIRT2

Uniprot

Q8IXJ6

Synonyms:

NAD-dependent protein deacetylase sirtuin-2 (EC 3.5.1) (Regulatory protein SIR2 homolog 2) (SIR2-like protein 2), SIRT2, SIR2L, SIR2L2

Immunogen:

Recombinant Human NAD-dependent protein deacetylase sirtuin-2 protein (177-279AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images

N/A

N/A