

SIRT5

Reactivity:Human Mouse Rat

Tested applications:WB IP

Recommended Dilution:WB 1:500 - 1:2000 IP 1:20 - 1:100

Calculated MW:34kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant Protein of human SIRT5

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

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Synonym:

SIR2L5;

Catalog #:A5784

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:23408

Isotype:IgG

Swiss Prot:Q9NXA8

Purity:Affinity purification

For research use only.

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 III of the sirtuin family. Alternative splicing of this gene results in multiple transcript variants.

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