

## 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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