

## SIRT3

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:100

**Calculated MW:**44kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant Protein of human SIRT3

**Storage Buffer:**

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

**Concentration:**

1 mg/ml

**Synonym:**

SIR2L3;

**Catalog #:**A7307

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**23410

**Isotype:**IgG

**Swiss Prot:**Q9NTG7

**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 I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene.

*To place an order, please [Click HERE](#).*