

# SIRT4 Rabbit pAb

Catalog No.: A15800 **2 Publications**

## Basic Information

### Observed MW

### Calculated MW

35kDa

### Category

Primary antibody

### Applications

ELISA,IF/ICC

### Cross-Reactivity

Human

## 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 IV of the sirtuin family.

## Recommended Dilutions

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

23409

### Swiss Prot

Q9Y6E7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human SIRT4 (NP\_036372.1).

### Synonyms

SIR2L4; SIRT4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

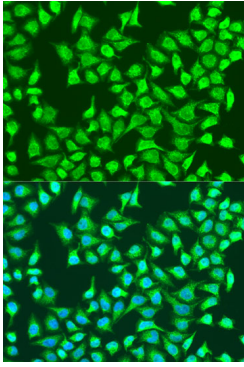
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Immunofluorescence analysis of U2OS cells using SIRT4 antibody (A15800) at dilution of 1:100. Blue: DAPI for nuclear staining.