

A20805

Leader in Biomolecular Solutions for Life Science



[KO Validated] SIRT3 Rabbit mAb

Catalog No.: A20805

KO Validated

Recombinant

4 Publications

Basic Information

Observed MW

28kDa

Calculated MW

44kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC51526

Background

SIRT3 encodes a member of the sirtuin family of class III histone deacetylases, homologs to the yeast Sir2 protein. The encoded protein is found exclusively in mitochondria, where it can eliminate reactive oxygen species, inhibit apoptosis, and prevent the formation of cancer cells. SIRT3 has far-reaching effects on nuclear gene expression, cancer, cardiovascular disease, neuroprotection, aging, and metabolic control.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

23410

Swiss Prot

Q9NTG7

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-399 of human SIRT3 (NP_036371.1).

Synonyms

SIR2L3; T3

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data

