

[KO Validated] SIRT3 Rabbit mAb

Catalog No.: A29091 **KO** **Validated** **Recombinant**

Basic Information

Observed MW

28 kDa

Calculated MW

29 kDa/37 kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC3909

Background

Enables NAD-dependent protein lysine deacetylase activity; protein lysine deacetylase activity; and sequence-specific DNA binding activity. Involved in peptidyl-lysine deacetylation; positive regulation of ceramide biosynthetic process; and positive regulation of mitochondrial transcription. Acts upstream of or within negative regulation of peptidyl-lysine acetylation; protein deacetylation; and tricarboxylic acid cycle. Located in mitochondrial inner membrane and mitochondrial matrix. Part of protein-containing complex. Is expressed in several structures, including brain; branchial arch; endocrine gland; genitourinary system; and liver and biliary system. Used to study abdominal obesity-metabolic syndrome. Orthologous to human SIRT3 (sirtuin 3).

Recommended Dilutions

WB 1:3000 - 1:15000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Immunogen Information

Gene ID

64384

Swiss Prot

Q8R104

Immunogen

This information is considered to be commercially sensitive.

Synonyms

Sir2l3; 2310003L23Rik

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data

