

SIRT2 Rabbit pAb

Catalog No.: A0273SP

8 Publications

Basic Information

Observed MW

39 kDa/43 kDa

Calculated MW

30-43 kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

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. Several transcript variants are resulted from alternative splicing of this gene.

Recommended Dilutions

WB 1:6000 - 1:20000**IHC-P** 1:4000 - 1:20000

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.

Immunogen Information

Gene ID

22933

Swiss Prot

Q8IXJ6

Immunogen

This information is considered to be commercially sensitive.

Synonyms

SIR2; SIR2L; SIR2L2; SIRT2

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

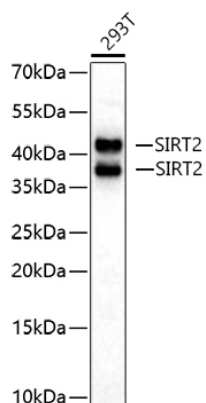
Storage

Store at -20°C

Contact

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Validation Data



Western blot analysis of lysates from 293T cells using SIRT2 Rabbit pAb (A0273SP) at 1:6000 dilution incubated overnight at 4°C.

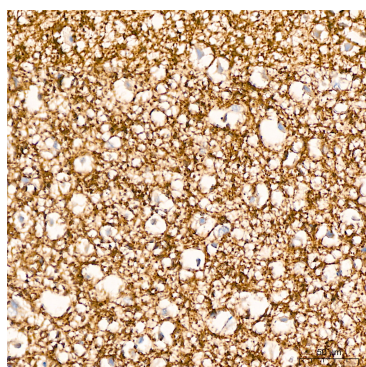
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

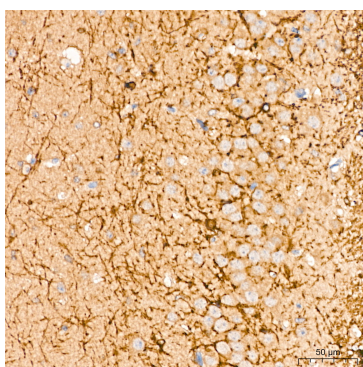
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

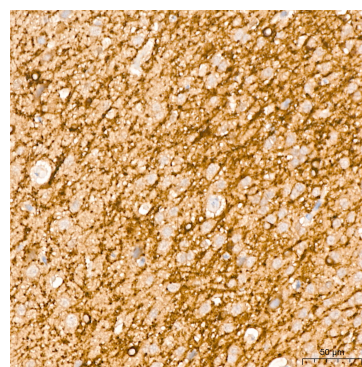
Exposure time: 10 s.



Immunohistochemistry analysis of paraffin-embedded Human brain tissue using SIRT2 Rabbit pAb (A0273SP) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using SIRT2 Rabbit pAb (A0273SP) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using SIRT2 Rabbit pAb (A0273SP) at a dilution of 1:4000 (40x lens). antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.