

SIRT6 Rabbit pAb

Catalog No.: A7416

6 Publications

Basic Information

Observed MW

36-42 kDa

Calculated MW

36 kDa/39 kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

Background

Enables several functions, including NAD(P)⁺-protein-arginine ADP-ribosyltransferase activity; NAD-dependent histone deacetylase activity (H3-K9 specific); and transcription corepressor activity. Involved in several processes, including cellular protein modification process; negative regulation of nucleobase-containing compound metabolic process; and positive regulation of cell population proliferation. Located in nucleus. Is expressed in several structures, including alimentary system; central nervous system; gonad; musculature; and retina. Used to study progeria. Orthologous to human SIRT6 (sirtuin 6).

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

50721

Swiss Prot

Q8N6T7

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

Sir2l6; mSIRT6; 2810449N18Rik; SIRT6

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

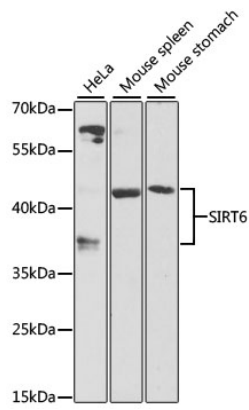
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using SIRT6 Rabbit pAb (A7416) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.