# [KD Validated] SIRT6 Rabbit mAb

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Catalog No.: A3591 Recombinant 2 Publications

### **Basic Information**

#### **Observed MW**

42 kDa

### **Calculated MW**

36 kDa/39 kDa

# Category

Primary antibody

### **Applications**

WB,ELISA

### **Cross-Reactivity**

Human

#### CloneNo number

ARC0808

# **Background**

This gene encodes a member of the sirtuin family of NAD-dependent enzymes that are implicated in cellular stress resistance, genomic stability, aging and energy homeostasis. The encoded protein is localized to the nucleus, exhibits ADP-ribosyl transferase and histone deacetylase activities, and plays a role in DNA repair, maintenance of telomeric chromatin, inflammation, lipid and glucose metabolism. Alternative splicing results in multiple transcript variants encoding different isoforms.

# **Recommended Dilutions**

**WB** 1:1000 - 1:4000

**ELISA** 

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

# **Immunogen Information**

**Gene ID Swiss Prot** 51548 Q8N6T7

### **Immunogen**

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

# **Synonyms**

SIR2L6; hSIRT6; SIRT6

# **Contact**

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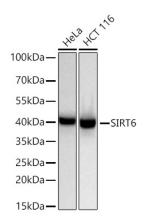
### **Product Information**

Source Isotype **Purification** Rabbit IgG Affinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates using [KD Validated] SIRT6 Rabbit mAb (A3591) at 1:1000 dilution incubated overnight at  $4^{\circ}$ C.

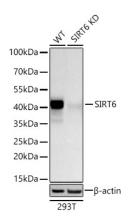
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20s.



Western blot analysis of lysates from wild type (WT) and SIRT6 knockdown (KD) 293T cells using [KD Validated] SIRT6 Rabbit mAb (A3591) at 1:1000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.