

Datasheet for ABIN1169068

**anti-SIRT6 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	SIRT6
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Recombinant human sirtuin 6.
Specificity:	Recognizes human sirtuin 6. Detects a band of ~42 kDa by Western blot.
Cross-Reactivity:	Human
Sterility:	0.2 µm filtered

## Target Details

Target:	SIRT6
Alternative Name:	Sirtuin 6 ( <a href="#">SIRT6 Products</a> )
Background:	Sirtuin 6 (SIRT6) is a NAD-dependent protein deacetylase with activity towards 'Lys-9' and 'Lys-56' of histone H3. It modulates acetylation of histone H3 in telomeric chromatin during the S-phase of the cell cycle. It is required for genomic stability and for normal IGF1 serum levels and normal glucose homeostasis. It also regulates cellular senescence and apoptosis. Unlike most

Target Details

sirtuins, SIRT6 preferentially removes long-chain fatty-acyl, rather than acetyl, protein modifications. This activity regulates secretion of the inflammation-associated protein TNF-alpha.

UniProt: [Q8N6T7](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

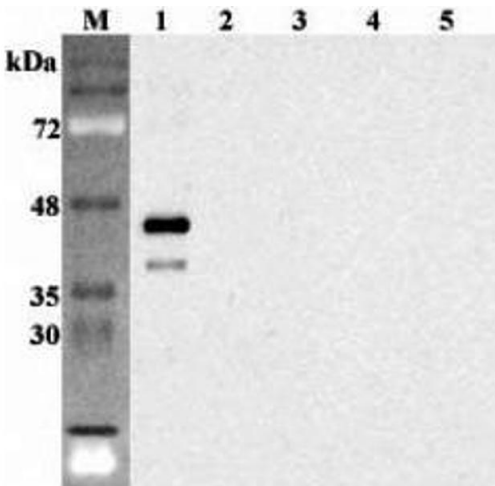
Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months

Images



**Western Blotting**

**Image 1.** Western blot analysis using anti-Sirtuin 6 (human), pAb at 1:2'000 dilution. 1: Human Sirtuin 6 (intact form) (His-tagged). 2: Human Sirtuin 1 (His-tagged). 3: Human Sirtuin 2 (His-tagged). 4: Human Sirtuin 5 (His-tagged). 5: Mouse IDO (His-tagged) (negative control).