

Datasheet for ABIN4953430
anti-SIRT2 antibody



[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mL
Target:	SIRT2
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIRT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A human recombinant protein was used as the immunogen for this SIRT2 antibody.
Clone:	1D4-H11-H11
Isotype:	IgG2b
Purification:	Protein G affinity

Target Details

Target:	SIRT2
Alternative Name:	SIRT2 (SIRT2 Products)
Background:	Sirtuin 2 is an NAD-dependent protein deacetylase, which deacetylates internal lysines on histone and alpha-tubulin as well as many other proteins such as key transcription factors. Participates in the modulation of multiple and diverse biological processes such as cell cycle control, genomic integrity, microtubule dynamics, cell differentiation, metabolic networks, and

Target Details

	autophagy. Plays a major role in the control of cell cycle progression and genomic stability. [UniProt]
UniProt:	Q8IXJ6

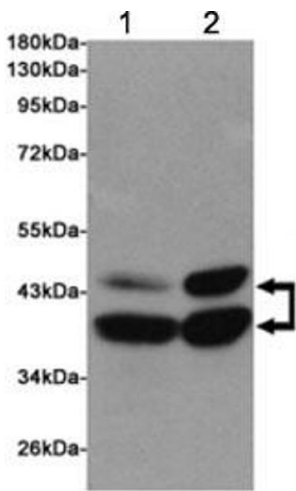
Application Details

Application Notes:	The stated application concentrations are suggested starting points. Titration of the SIRT2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,ICC/IF: 1:50
Restrictions:	For Research Use only

Handling

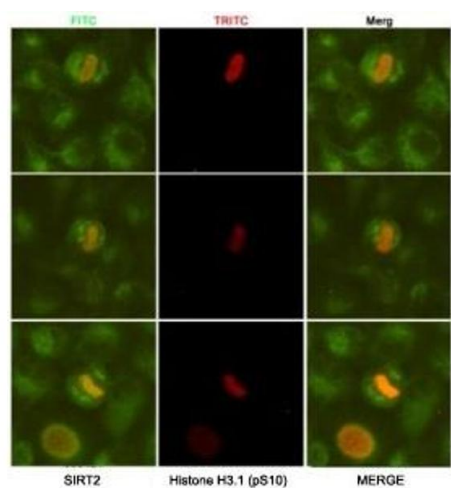
Buffer:	Antibody in PBS with 50 % Glycerol and 0.03 % ProClin 300
Storage:	-20 °C
Storage Comment:	Store the SIRT2 antibody at -20°C.

Images



Western Blotting

Image 1. Western blot testing of 1) rat cerebral cortex and 2) rat brain lysates using SIRT2 antibody at 1:1000. Predicted molecular weight: multiple isoforms between 36-43 kDa.



Immunocytochemistry

Image 2. ICC/IF analysis of HeLa cells, fixed by anhydrous methanol at -20oC, using SIRT2 antibody at 1:50 (green) and Histone H3.1 (pSer10) antibody at 1:200 (red).