Datasheet for ABIN7270327

anti-SIRT6 antibody

1 Image

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Overview

Quantity:	100 µL
Target:	SIRT6
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SIRT6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SIRT6 Rabbit mAb
Immunogen:	A synthesized peptide derived from human SIRT6
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	SIRT6
Alternative Name:	SIRT6 (SIRT6 Products)
Background:	This gene encodes a member of the sirtuin family of NAD-dependent enzymes that are

Target Details

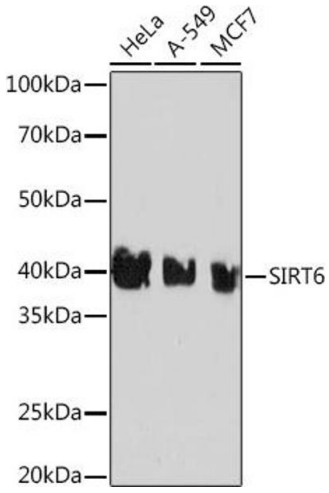
	implicated in cellular stress resistance, genomic stability, aging and energy homeostasis. The encoded protein is localized to the nucleus, exhibits ADP-ribosyl transferase and histone deacetylase activities, and plays a role in DNA repair, maintenance of telomeric chromatin, inflammation, lipid and glucose metabolism. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016],SIR2L6,Epigenetic writers and erasers of core Histones,Epigenetic writers and erasers of core Histones_Deacetylation,Epigenetics & Nuclear Signaling,SIRT6
Molecular Weight:	39kDa
Gene ID:	51548
UniProt:	Q8N6T7

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SIRT6 Rabbit mAb at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) 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: 3 min.