

Product Name: SIRT6 Rabbit Monoclonal Antibody**Catalog #: AMRe02605**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.68mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 39 kDa; Observed MW: 39 kDa

Antigen Information

Gene Name	SIRT6 2810449N18Rik; AI043036; Mono ADP ribosyltransferase sirtuin 6; NAD-dependent protein
Alternative Names	deacetylase sirtuin-6; Regulatory protein SIR2 homolog 6; Regulatory protein SIR2 homolog; SIR2 like 6; SIR2 like protein 6; Sir2 related protein type 6; SIR2-like protein 6; SIR2
Gene ID	51548
SwissProt ID	Q8N6T7
Immunogen	A synthetic peptide of human SIRT6

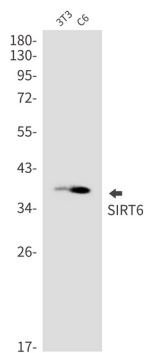
Background

The Silent Information Regulator (Sir2) family of genes is a highly conserved group of genes that encode nicotinamide adenine dinucleotide (NAD)-dependent protein deacetylases, also known as class III histone deacetylases. SirT6, a mammalian homolog of Sir2, is a nuclear, chromatin-associated protein that promotes the normal maintenance of genome integrity mediated by the base excision repair (BER) pathway.

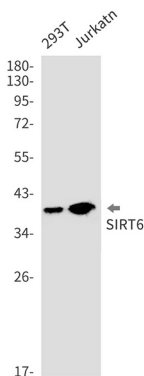
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of SIRT6 in 3T3, C6 lysates using SIRT6 antibody.



Western blot analysis of SIRT6 in 293T, Jurkat lysates using SIRT6 antibody.