

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

Catalog #: AMRe03953

For research use only.

### **Summary**

**Description** Recombinant rabbit monoclonal antibody

Host Rabbit
Application WB
Reactivity Human

ConjugationUnconjugatedModificationUnmodified

**Isotype** IgG

Clonality Monoclonal
Form Liquid

**Concentration** 1mg/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

Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and **Buffer** 

0.05% protective protein.

**Purification** Affinity Purification

## **Application**

**Dilution Ratio** WB 1:500-1:1000

Molecular Weight Calculated MW:39 kDa;Observed MW: 39 kDa

# **Antigen Information**

Gene Name SIRT6

2810449N18Rik; Al043036; 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**



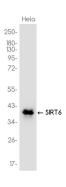
The Silent Information Regulator (Sir2) family of genes is a highly conserved group of genes that encode nicotinamide adenine dinucleotide (NAD)-dependent protein deacetylases, also known as class III histone deacetylases. SirT6, a mammalian homolog of Sir2, is a nuclear, chromatin-associated protein 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 HeLa lysates using SIRT6 antibody.



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