

Anti-SIRT6 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

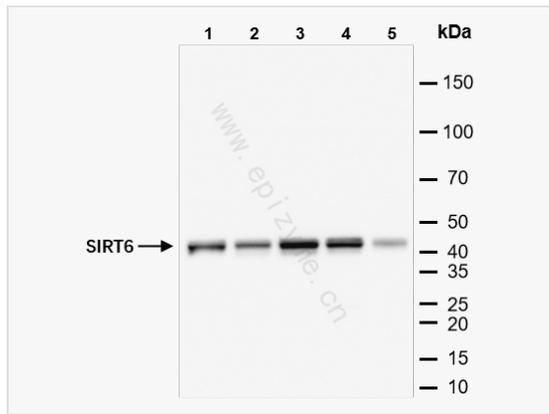
Catalog # R014059

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	11I90050
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human SIRT6
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SIRT6 Rabbit mAb [11I90050] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	2810449N18Rik, AI043036, Mono ADP ribosyltransferase sirtuin 6, NAD-dependent protein 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, SIR2L6, SIR6_HUMAN, SIRT 6, SIRT6, Sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae), Sirtuin 6, Sirtuin type 6, Sirtuin6.
Calculated MW	Calculated MW: 39 kDa; Observed MW: 42 kDa
Uniprot ID	Q8N6T7
Gene ID	51548
Background	This gene encodes a member of the sirtuin family of NAD-dependent enzymes that are 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]
Cellular Location	Nucleus, nucleoplasm. Predominantly nuclear. Associated with telomeric heterochromatin regions.



Western Blot - Anti-SIRT6 Rabbit mAb [11190050]

All lanes: R014059 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 39 kDa

Observed band size: 42 kDa

Developed using the ECL technique (Cat. No. SQ201).