

For Research Use Only

SIRT6 Monoclonal antibody, PBS Only

Catalog Number: 67510-1-PBS

Featured Product



Basic Information

Catalog Number:

67510-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG24103

GenBank Accession Number:

BC028220

GeneID (NCBI):

51548

UNIPROT ID:

Q8N6T7

Full Name:

sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae)

Calculated MW:

39 kDa

Observed MW:

40 kDa

Purification Method:

Protein G purification

CloneNo.:

2H4G8

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

SIRT6, also named as SIR2L6, belongs to the sirtuin family. It is known to deacetylate H3K9, H3K56 and CtIP in vivo. SIRT6 regulates the expression of a large number of stress-responsive and metabolism related genes, promotes genomic stability and stimulates base excision and double strand break DNA repair (PMID: 20729089). By maintaining both the integrity and the expression of the mammalian genome, SIRT6 thus serves several roles that parallel Sir2 function (PMID: 20729089). In addition, Sirt6-deficient animals develop normally for several weeks after birth, but succumb to an acute multi-organ degenerative syndrome that is uniformly lethal by one month of age (PMID: 19135889).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

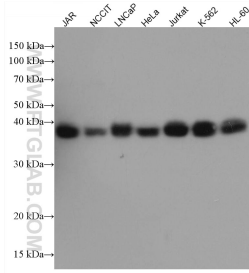
For technical support and original validation data for this product please contact:

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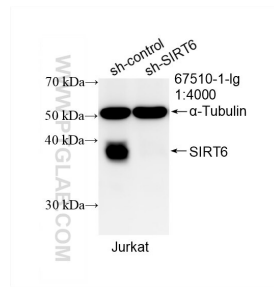
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67510-1-Ig (SIRT6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67510-1-PBS in a different storage buffer formulation.



WB result of SIRT6 antibody (67510-1-Ig; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SIRT6 transfected Jurkat cells. This data was developed using the same antibody clone with 67510-1-PBS in a different storage buffer formulation.