

À des fins de recherche uniquement

# Anticorps Monoclonal anti-SIRT6

Numéro de catalogue: 67510-1-Ig **4 Publications**



## Informations de base

Numéro de catalogue: 67510-1-Ig	Numéro d'acquisition GenBank: BC028220	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 2200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 51548	CloneNo.: 2H4G8
Hôte: Mouse	Nom complet: sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae)	Dilutions recommandées: WB 1:2000-1:10000
Isotype: IgG1	MW calculé 39 kDa	
Immunogen Catalog Number: AG24103	MW observés: 40 kDa	

## Applications

### Applications testées:

WB, ELISA

### Demandes citées:

CoIP, IF, WB

### Spécificité de l'espèce:

Humain, souris

### Espèces citées:

souris

### Contrôles positifs:

WB : cellules JAR, cellules HeLa, cellules Jurkat,  
cellules K-562, cellules LNCaP, cellules NCCIT

## Informations générales

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).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Wenxing Cui	33314534	Cell Prolif	WB
Xiaoxia Xiao	37582706	Mol Med	IF, WB, CoIP
Tianqi Cui	37599957	ACS Omega	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

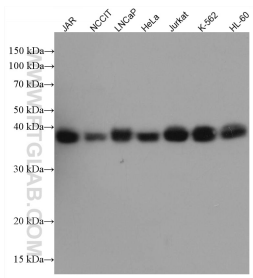
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## Données de validation sélectionnées



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.