

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-SIRT7



Numéro de catalogue: 12994-1-AP

Phare

18 Publications

## Informations de base

Numéro de catalogue:  
12994-1-AP

Taille:  
150ul, Concentration: 400 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG3656

Numéro d'acquisition GenBank:  
BC017305

Identification du gène (NCBI):  
51547

Nom complet:  
sirtuin (silent mating type information regulation 2 homolog) 7 (S. cerevisiae)

MW calculé  
400 aa, 45 kDa

MW observés:  
45 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:1000-1:4000  
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

## Applications

Applications testées:  
IP, WB, ELISA

Demandes citées:  
IF, IHC, IP, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, souris

Contrôles positifs:

WB : cellules PC-3, tissu hépatique de rat, tissu hépatique de souris, tissu rénal de souris

IP : cellules PC-3,

## Informations générales

SIRT7 (NAD-dependent deacetylase sirtuin-7), also known as SIR2L7, is a member of the class IV sirtuin family and is localized to the nucleolus. Expressed throughout the body, SIRT7 associates with rDNA genes where it interacts with histones and acts as a positive regulator of RNA polymerase I (Pol I). SIRT7 is a probable NAD-dependent deacetylase whose expression is upregulated in thyroid carcinoma cells. Overexpression of SIRT7 increases Pol I-mediated transcription, thereby speeding cell growth and contributing to the development of cancer.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaodan Sun	31572453	Front Genet	IHC
Min Liu	28871079	Nat Commun	WB
Kalaiselvi Sivalingam	34716387	Sci Rep	WB,IF

## 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.

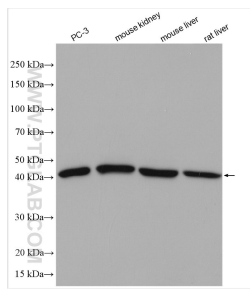
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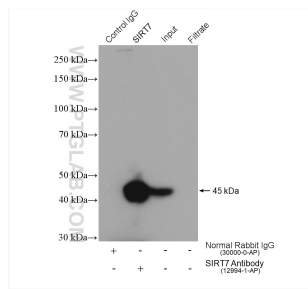
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## Données de validation sélectionnées



PC-3 cells were subjected to SDS PAGE followed by western blot with 12994-1-AP (SIRT7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-SIRT7 (IP:12994-1-AP, 4ug; Detection:12994-1-AP 1:1000) with PC-3 cells lysate 960 ug.