

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-SIRT2



Numéro de catalogue: 15345-1-AP

1 Publications

## Informations de base

<b>Numéro de catalogue:</b> 15345-1-AP	<b>Numéro d'acquisition GenBank:</b> BC003547	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 22933	<b>Dilutions recommandées:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Hôte:</b> Lapin	<b>Nom complet:</b> sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae)	
<b>Isotype:</b> IgG	<b>MW calculé</b> 43 kDa	
<b>Immunogen Catalog Number:</b> AG7556	<b>MW observés:</b> 37-45 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Demandes citées:

WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : tissu cérébral humain, tissu cérébral de souris, tissu rénal de rat

IHC : tissu cardiaque humain, tissu de cancer du sein humain

## Informations générales

The silent information regulator(SIR2) family of genes are highly conserved from prokaryotes to eukaryotes and are involved in diverse processes, including transcriptional regulation, cell cycle progression, DNA-damage repair and aging. SIR2 contains a 323 amino acid catalytic core domain with a NAD-binding domain and a large groove which is the likely site of catalysis. SIR2 is widely expressed, highly expressed in heart, brain and skeletal muscle, while it is weakly expressed in placenta and lung. Down-regulated in many gliomas suggesting that it may act as a tumor suppressor gene in human gliomas possibly through the regulation of microtubule network. This antibody is a rabbit polyclonal antibody raised against the N-terminal 352 residues of human SIR2 protein.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Ming He	32032542	Cell Metab	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.

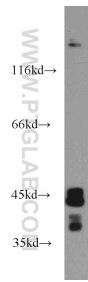
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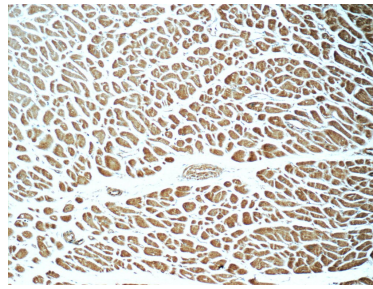
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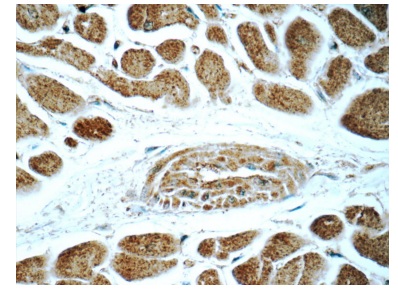
## Données de validation sélectionnées



human brain tissue were subjected to SDS PAGE followed by western blot with 15345-1-AP (SIRT2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 15345-1-AP (SIRT2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 15345-1-AP (SIRT2 Antibody) at dilution of 1:50 (under 40x lens).