

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SIRT3



Numéro de catalogue: 10099-1-AP

Phare

86 Publications

Informations de base

Numéro de catalogue:

10099-1-AP

Taille:

150ul, Concentration: 770 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0148

Numéro d'acquisition GenBank:

BC001042

Identification du gène (NCBI):

23410

Nom complet:

sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae)

MW calculé

44 kDa

MW observés:

28 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IHC 1:200-1:800

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

CoIP, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, Chèvre, Humain, porc, rat, 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 : cellules HT-29, cellules HEK-293, cellules HepG2, tissu cardiaque de rat, tissu cardiaque de souris, tissu de muscle squelettique de souris, tissu hépatique de rat, tissu hépatique de souris, tissu rénal de souris, tissu splénique humain

IHC : tissu d'estomac humain,

Informations générales

Sirtuins are NAD⁺-dependent histone/protein deacetylases (HDAC) and SIRT3 is the only sirtuin whose increased expression has been shown to correlate with an extended life span in humans. It is localized in the mitochondrial matrix, where it regulates the acetylation levels of metabolic enzymes, including acetyl coenzyme A synthetase 2. SIRT3 is stress-responsive and its increased expression protects myocytes from genotoxic and oxidative stress-mediated cell death. full-length hSIRT3 (44 kDa) is an inert protein and that it is activated inside the mitochondria following deletion of 142 amino acids of the N-terminal segment. This processed form of SIRT3 is approximately 28 kDa and possesses deacetylase activity. The full SIRT3 is a 44 kDa protein and is processed by mitochondrial processing peptidase (MPP) to give a 28 kDa product.

Publications notables

Autrice	Pubmed ID	Journal	Application
Gagan Chhabra	34597611	J Invest Dermatol	WB
Xinhui Liu	34603081	Front Physiol	WB
Jia Wang	36086852	Phytother Res	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.

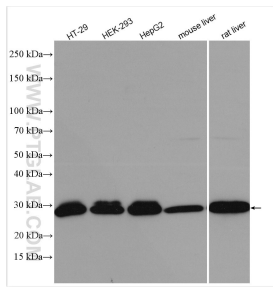
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

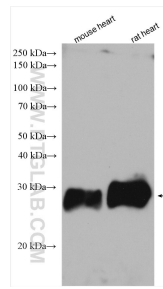
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

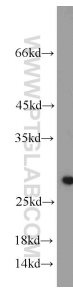
Données de validation sélectionnées



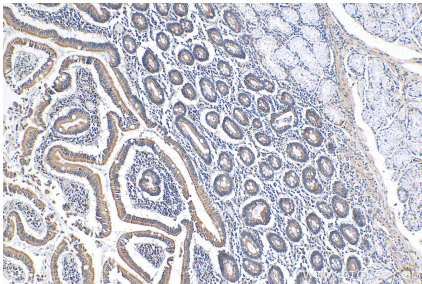
Various lysates were subjected to SDS PAGE followed by western blot with 10099-1-AP (SIRT3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 10099-1-AP (SIRT3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



human spleen tissue were subjected to SDS PAGE followed by western blot with 10099-1-AP (SIRT3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 10099-1-AP (SIRT3 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).