

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-SIRT3



Numéro de catalogue: 82210-1-RR

Informations de base

Numéro de catalogue: 82210-1-RR	Numéro d'acquisition GenBank: BC001042	Méthode de purification: Purification par protéine A
Taille: 100ul, Concentration: 980 µg/ml by Nanodrop;	Identification du gène (NCBI): 23410	CloneNo.: 2P6
Hôte: Lapin	Nom complet: sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae)	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:200-1:800
Isotype: IgG	MW calculé 44 kDa	
Immunogen Catalog Number: AG26280	MW observés: 28-30 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Spécificité de l'espèce:

Humain, porc, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, cellules HT-29, tissu cardiaque de rat

IHC : tissu de cancer de la prostate 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.

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.

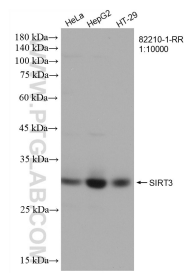
For technical support and original validation data for this product please contact:

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

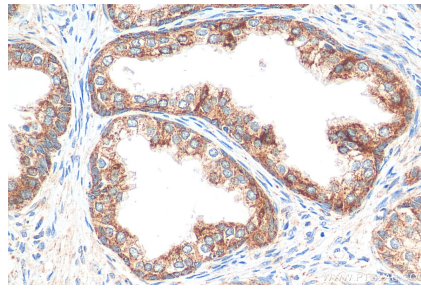
E: proteintech@ptglab.com
W: ptglab.com

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 82210-1-RR (SIRT3 antibody) at dilution of 1:19600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 82210-1-RR (SIRT3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).