

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SIRT6



Numéro de catalogue: 13572-1-AP

Phare

39 Publications

Informations de base

Numéro de catalogue: 13572-1-AP	Numéro d'acquisition GenBank: BC028220	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 550 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 51548	Dilutions recommandées: WB 1:500-1:3000 IHC 1:50-1:200
Hôte: Lapin	Nom complet: sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae)	
Isotype: IgG	MW calculé 39 kDa	
Immunogen Catalog Number: AG4469	MW observés: 39-45 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

CoIP, FC, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, Humain, 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 BxPC-3, cellules HepG2, cellules PC-3, tissu hépatique de souris

IHC : tissu cérébral humain,

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). This antibody is a rabbit polyclonal antibody raised against full length human SIRT6 antigen.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yong Zhang	32970960	Can J Physiol Pharmacol	WB
Xiaodan Sun	31572453	Front Genet	IHC
Kalaiselvi Sivalingam	34716387	Sci Rep	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.

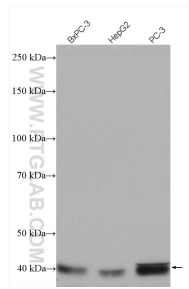
For technical support and original validation data for this product please contact:

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

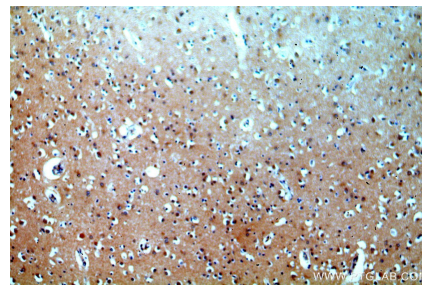
E: proteintech@ptglab.com
W: ptglab.com

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

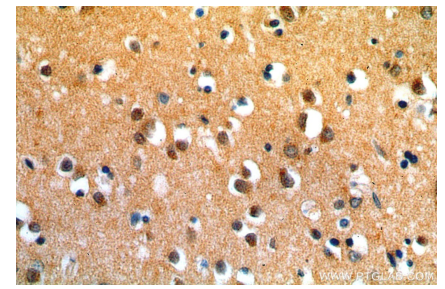
Données de validation sélectionnées



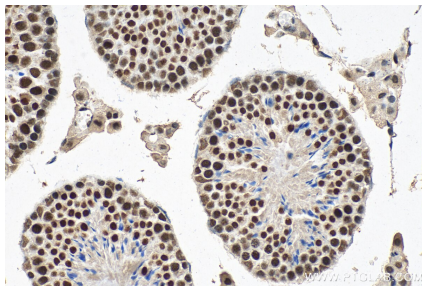
Various lysates were subjected to SDS PAGE followed by western blot with 13572-1-AP (SIRT6 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 13572-1-AP (SIRT6 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 13572-1-AP (SIRT6 antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13572-1-AP (SIRT6 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).