

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SIRT5



Numéro de catalogue: 15122-1-AP

Phare

28 Publications

Informations de base

Numéro de catalogue:

15122-1-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7195

Numéro d'acquisition GenBank:

BC000126

Identification du gène (NCBI):

23408

Nom complet:

sirtuin (silent mating type information regulation 2 homolog) 5 (S. cerevisiae)

MW calculé

34 kDa

MW observés:

33 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IF 1:50-1:500

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules HCT 116, cellules RAW 264.7, tissu cardiaque de rat, tissu cardiaque de souris, tissu hépatique de rat, tissu hépatique de souris

IP : tissu hépatique de souris,

IF : cellules HeLa,

Informations générales

SIRT5, a member of sirtuin family that is a mitochondrial matrix NAD(+)-dependent deacetylase and mono-ADP-ribosyltransferases. Sirtuins play important role in various cellular processes, such as aging, gene silencing and metabolism. SIRT5 mainly locates in cytoplasm. It is an efficient protein lysine desuccinylase and demalonylase. During prolonged fasting, it can activate CPS1, the committed and regulated enzyme of the urea cycle, and contribute to the regulation of blood ammonia levels.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yipeng Du	30279144	EBioMedicine	WB,IF,IHC
Xiaodan Sun	31572453	Front Genet	IHC
Min Liu	28871079	Nat Commun	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.

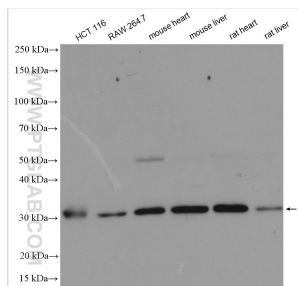
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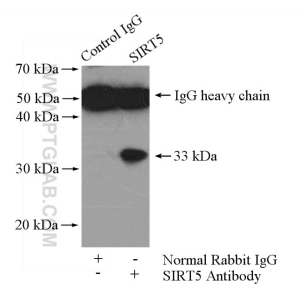
E: proteintech@ptglab.com
W: ptglab.com

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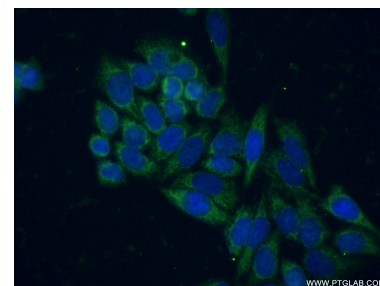
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 15122-1-AP (SIRT5 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP Result of anti-SIRT5 (IP:15122-1-AP, 4ug; Detection:15122-1-AP 1:500) with mouse liver tissue lysate 6000ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 15122-1-AP (SIRT5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).