

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Sestrin 2



Numéro de catalogue: 21346-1-AP

Phare

11 Publications

Informations de base

Numéro de catalogue:
21346-1-AP

Taille:
150ul, Concentration: 300 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG15669

Numéro d'acquisition GenBank:
NM_031459

Identification du gène (NCBI):
83667

Nom complet:
sestrin 2

MW calculé
480 aa, 54 kDa

MW observés:
60-66 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IF 1:10-1:100

Applications

Applications testées:
IF, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, rat, souris

Contrôles positifs:

WB : tissu de thymus de souris, cellules HeLa, cellules K-562, cellules NIH/3T3, tissu pulmonaire de souris

IF : cellules HeLa,

Informations générales

Sestrins, including sestrin-1 (PA26), sestrin-2 (Hi95), and sestrin-3, are 48 to 65 kDa cystein sulfinyl reductases and they modulate peroxide signaling and antioxidant defense. These proteins selectively reduce or repair hyperoxidized forms of typical 2-Cys peroxiredoxins within eukaryotes. Expression of these proteins is regulated by p53, a tumor suppressor protein. Sestrin 2 is implicated in the regulation of cell growth and survival, in cellular responses to different stress conditions, and also acts as a positive regulator of autophagy. Sestrin 2 is approximately a 57.6kDa protein (480 amino acids).

Publications notables

Autrice	Pubmed ID	Journal	Application
Maria Manifava	27725083	Elife	WB
Yi-Sheng Hou	26031332	Mol Cell Biol	WB
Xudan Shi	27425892	Neurobiol Dis	IF

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.

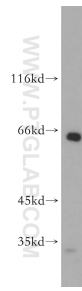
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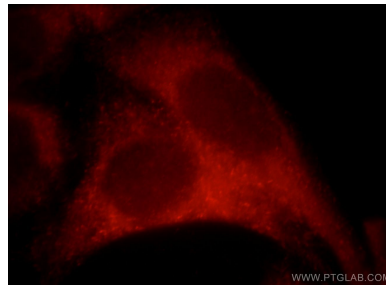
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 21346-1-AP (Sestrin 2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells, using SESN2 antibody 21346-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).