

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti- SESN3



Numéro de catalogue: 11431-2-AP

Phare

12 Publications

## Informations de base

Numéro de catalogue:

11431-2-AP

Taille:

150ul , Concentration: 173 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1961

Numéro d'acquisition GenBank:

BC017296

Identification du gène (NCBI):

143686

Nom complet:

sestrin 3

MW calculé

492 aa, 57 kDa

MW observés:

36 kDa, 51-59 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

## Applications

Applications testées:

WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules A431, cellules A549, cellules HEK-293, cellules HepG2, tissu hépatique de souris, tissu ovarien de souris

## 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 peroxidoredoxins within eukaryotes. Expression of these proteins is regulated by p53, a tumor suppressor protein. Sestrin 3 was identified as a forkhead box O (FoxO) target gene with antioxidant activity. Recently it was reported that sestrin 3 may play an important role in AKT induced increase in ROS and it might be a promising target in selectively killing cancer cells containing high levels of AKT activity.

## Publications notables

Autrice	Pubmed ID	Journal	Application
T Shen	27693501	Osteoarthritis Cartilage	WB,IHC
Li-Gang Huang	29191771	Brain Res	WB
Vakana Eliza E	24260131	PLoS One	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.

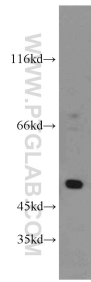
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## Données de validation sélectionnées



HeLa cells were subjected to SDS PAGE followed by western blot with 11431-2-AP (SESN3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.