

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Sestrin 2



Numéro de catalogue: 10795-1-AP

Phare

186 Publications

Informations de base

Numéro de catalogue:
10795-1-AP

Taille:
150ul, Concentration: 750 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1247

Numéro d'acquisition GenBank:
BC013304

Identification du gène (NCBI):
83667

Nom complet:
sestrin 2

MW calculé
54 kDa

MW observés:
54-60 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:12000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:200-1:800
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
CoIP, FC, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
bovin, Humain, porc, 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 HeLa, cellules A2780, cellules HEK-293, cellules K-562, cellules NIH/3T3, cellules RAW 264.7, tissu cérébral humain, tissu hépatique de rat, tissu hépatique humain

IP : cellules K-562,

IHC : tissu de cancer du sein humain, tissu de cancer du côlon humain, tissu de tumeur ovarienne humain

IF : tissu rénal de souris,

Informations générales

SESN is a family of highly conserved, stress-inducible genes that can defend the cell against oxidative damage and oncogenic signaling. SESN2, which belongs to the SESN family, has been implicated as a tumor suppressor that can inhibit angiogenesis and promote autophagy, underscoring the importance of elucidating the molecular mechanism by which SESN2 regulates pathways of metabolism and survival.(PMID:22363791). Sesn2 encodes a 480 amino acid protein which can run as a 60 kDa band on SDS-polyacrylamide gel electrophoresis(PMID:20878915).

Publications notables

Autrice	Pubmed ID	Journal	Application
Min Peng	25259925	Cell	WB
Scot R Kimball	26400964	J Nutr	WB
Jae Kwang Kim	36290574	Antioxidants (Basel)	

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.

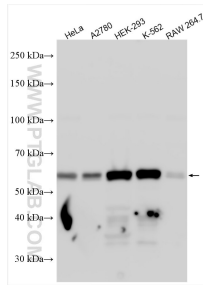
For technical support and original validation data for this product please contact:

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

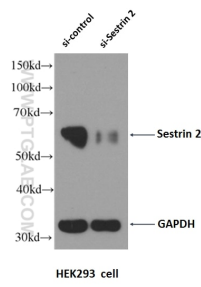
E: proteintech@ptglab.com
W: ptglab.com

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

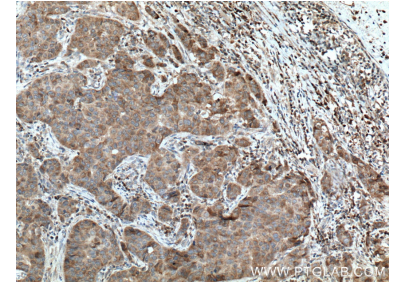
Données de validation sélectionnées



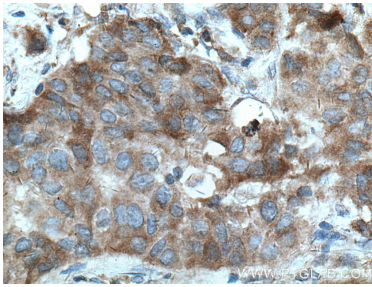
Various lysates were subjected to SDS PAGE followed by western blot with 10795-1-AP (Sestrin 2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



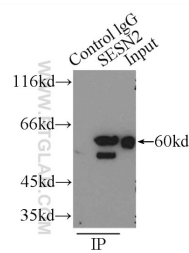
WB result of Sestrin antibody (10795-1-AP, 1:2000) with si-Control and si-Sestrin transfected HEK293 cells.



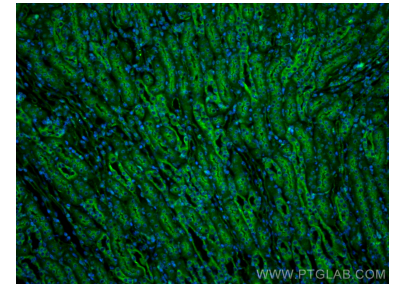
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10795-1-AP (Sestrin 2 antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



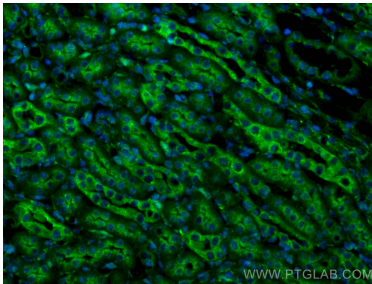
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10795-1-AP (Sestrin 2 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-Sestrin 2 (IP:10795-1-AP, 3ug; Detection:10795-1-AP 1:1000) with K-562 cells lysate 4000ug.



Immunofluorescent analysis of (4% PFA) fixed mouse kidney tissue using Sestrin 2 antibody (10795-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse kidney tissue using Sestrin 2 antibody (10795-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).