

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PCSK9



Numéro de catalogue: 27882-1-AP

Phare

2 Publications

Informations de base

Numéro de catalogue:

27882-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG27254

Numéro d'acquisition GenBank:

NM_174936.3

Identification du gène (NCBI):

255738

Nom complet:

proprotein convertase subtilisin/kexin type 9

MW calculé

74 kDa

MW observés:

72-78 kDa, 62 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

Applications

Applications testées:

FC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HepG2, tissu hépatique de rat, tissu hépatique de souris

Informations générales

Proprotein convertase subtilisin/kexin type 9 (PCSK9) is a crucial protein governing the circulating levels of low density lipoprotein-cholesterol (LDL-C), by virtue of its pivotal role in the degradation of the LDL receptor (LDLR). PCSK9 is expressed in the kidney and lung. It is synthesized as a 72 kDa immature precursor that undergoes autocatalytic cleavage in the endoplasmic reticulum to generate a 63 kDa mature protein. The cleaved N-terminal fragment remains associated with the mature protein and is necessary for its secretion, allowing it to circulate in the blood. The ability of PCSK9 to regulate a diverse group of cell-surface proteins hinted that it might also be able to influence additional membrane proteins that are important in anti-tumour immune responses. Targeting PCSK9 to treat cancer is also attractive because two neutralizing antibodies against it, evolocumab and alirocumab, have already been approved for human clinical use to lower cholesterol levels. (PMID: 30522786, PMID: 22493497)

Publications notables

Autrice	Pubmed ID	Journal	Application
Qi-Chao Yang	37305703	iScience	WB,IHC,IF
Zhiqiang Li	36798262	bioRxiv	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.

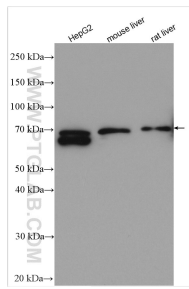
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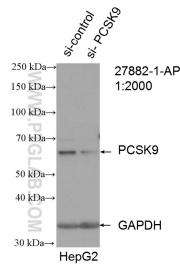
E: proteintech@ptglab.com
W: ptglab.com

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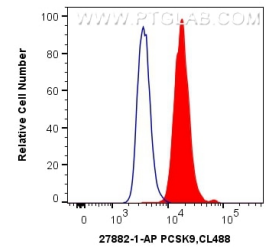
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 27882-1-AP (PCSK9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of PCSK9 antibody (27882-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PCSK9 transfected HepG2 cells.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug Anti-Human PCSK9 (27882-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).