

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PCSK9



Numéro de catalogue: 55206-1-AP

Phare

36 Publications

Informations de base

Numéro de catalogue: 55206-1-AP	Numéro d'acquisition GenBank: NM_174936	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 700 µg/ml by Nanodrop;	Identification du gène (NCBI): 255738	Dilutions recommandées: WB 1:500-1:3000 IHC 1:250-1:1000
Hôte: Lapin	Nom complet: proprotein convertase subtilisin/kexin type 9	
Isotype: IgG	MW calculé: 74 kDa	
	MW observés: 58-62 kDa, 72-78 kDa	

Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : cellules COLO 320, cellules HepG2, cellules SMMC-7721, tissu cérébral de rat IHC : tissu de cancer du côlon humain,
Demandes citées: IF, IHC, IP, WB	
Spécificité de l'espèce: Humain, rat	
Espèces citées: Humain, rat, Hamster	

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

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
Haiyan He	36125039	Food Funct	WB
Chiara Barisione	34576046	Int J Mol Sci	WB,IHC,IF
Dandan Wang	32913121	J Biol Chem	WB

Stockage

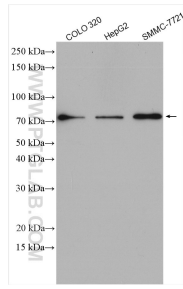
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

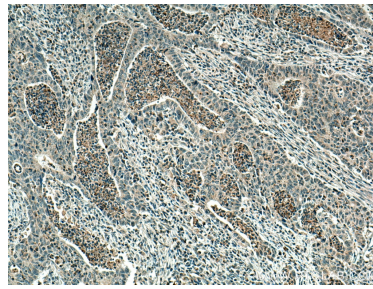
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

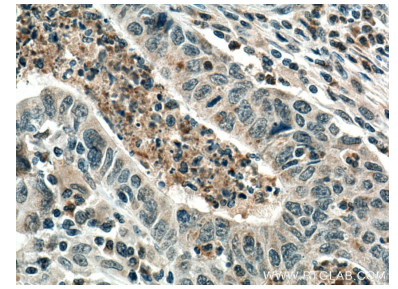
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 55206-1-AP (PCSK9 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 55206-1-AP (PCSK9 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 55206-1-AP (PCSK9 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).