

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-LAMR1,RPSA



Numéro de catalogue: 14533-1-AP

Phare

10 Publications

## Informations de base

Numéro de catalogue:  
14533-1-AP

Taille:  
150ul, Concentration: 300 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG6033

Numéro d'acquisition GenBank:  
BC050688

Identification du gène (NCBI):  
3921

Nom complet:  
ribosomal protein SA

MW calculé  
33 kDa

MW observés:  
40 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:1000-1:4000  
IF 1:20-1:200

## Applications

Applications testées:  
FC, IF, WB, ELISA

Demandes citées:  
IF, IHC, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, porc, souris

Contrôles positifs:

WB : cellules COLO 320, cellules HeLa, cellules NIH/3T3, cellules PC-12, tissu de côlon de souris, tissu hépatique de souris

IF : cellules HepG2,

## Informations générales

The ribosomal protein SA (RPSA), previously named 67 kD laminin receptor (67LR), 37 kD laminin receptor precursor (37LRP) and p40 ribosome-associated protein, is a multifunctional protein, that plays a role in a number of pathological processes, such as cancer and prion diseases. It is overexpressed in various cancer cell lines, and the level of the laminin receptor transcript is higher in colon carcinoma tissue and lung cancer cell line than their normal counterparts. This antibody is a rabbit polyclonal antibody raised against full length RPSA of human origin. This antibody is specific to RPSA (LAMR1). 67LR derives from homo- or hetero- dimerization of a 37 kDa cytosolic precursor (37LRP), most probably by fatty acid acylation. 37LRP is mostly found in the cytosol and nucleus [10] where it is involved in translational processes and maintenance of nuclear structures, respectively. 67LR is localized at the cell surface and it not only serves as a receptor for LM but also acts as a receptor for elastin, carbohydrates and the cellular prion protein.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Turlo Kirsten A KA	23887637	Arterioscler Thromb Vasc Biol	WB
Lingli Sun	35302141	Food Funct	WB,IHC
Roberta Cagnetta	30008298	Neuron	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.

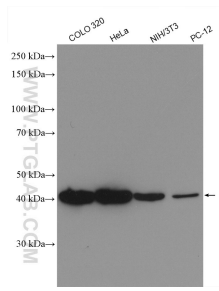
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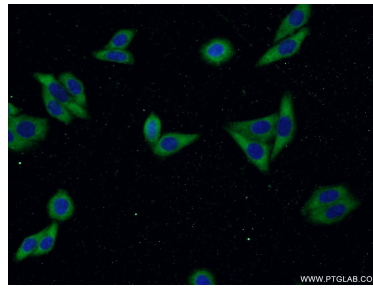
E: proteintech@ptglab.com  
W: ptglab.com

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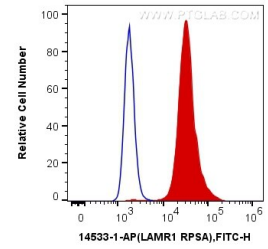
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 14533-1-AP (LAMR1,RP5A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 14533-1-AP (LAMR1,RP5A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug Anti-Human LAMR1,RP5A (14533-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).