

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SRP14



Numéro de catalogue: 11528-1-AP

Phare

10 Publications

Informations de base

Numéro de catalogue:

11528-1-AP

Taille:

150ul, Concentration: 900 µg/ml by Nanodrop and 413 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG2099

Numéro d'acquisition GenBank:

BC035495

Identification du gène (NCBI):

6727

Nom complet:

signal recognition particle 14kDa (homologous Alu RNA binding protein)

MW calculé

136 aa, 15 kDa

MW observés:

18 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IF 1:10-1:100

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

IP, WB

Spécificité de l'espèce:

Humain, rat

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules A549, cellules HeLa, tissu cardiaque humain

IP : cellules A549,

IF : cellules MCF-7, cellules HepG2

Informations générales

Signal recognition particle (SRP) acts in three distinct ways: 1 it binds to the signal sequence of the nascent polypeptide to be translocated, which is exposed on the surface of the translating ribosome; 2 it temporarily retards the nascent polypeptide from further elongation; 3 it mediates docking of the SRP-ribosome-nascent polypeptide chain complex to the RER membrane via the heterodimeric SRP-receptor (SR). SRP14, also named as 18 kDa Alu RNA-binding protein, is a 136 amino acid protein. Signal recognition particle consists of a 7S RNA molecule of 300 nucleotides and six protein subunits: SRP72, SRP68, SRP54, SRP19, SRP14 and SRP9. SRP14 protein is a component of signal-recognition-particle that has a crucial role in targeting secretory proteins to the rough endoplasmic reticulum membrane. SRP9 together with SRP14 and the Alu portion of the SRP RNA, constitutes the elongation arrest domain of SRP. SRP14 form a heterodimer with SRP9, which recognizes Alu RNA and the related 7SL RNA.

Publications notables

Autrice	Pubmed ID	Journal	Application
Evan P Booy	30247708	Nucleic Acids Res	WB, IP
Evan P Booy	33410401	J Biol Chem	WB
Dianrong Li	31420216	Mol Cell	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.

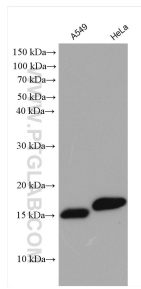
For technical support and original validation data for this product please contact:

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.

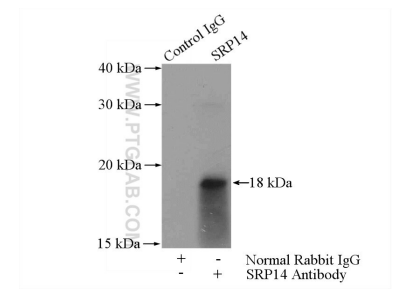
Données de validation sélectionnées



A549 cells were subjected to SDS PAGE followed by western blot with 11528-1-AP (SRP14 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of MCF-7 cells, using SRP14 antibody 11528-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-SRP14 (IP:11528-1-AP, 4ug; Detection:11528-1-AP 1:300) with A549 cells lysate 1600ug.