À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SRP19

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:16033-1-AP 4 Publications

Informations de base

Numéro de catalogue:
16033-1-AP

Taille:
150ul , Concentration: 350 μg/ml by Nanodrop and 253 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG8903

Numéro d'acquisition GenBank:
BC010947

Identification du gène (NCBI):
6728

Nom complet:
signal recognition particle 19kDa

MW calculé
144 aa, 16 kDa

MW observés:
18-25 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IF 1:20-1:200

Applications

Applications testées:
IF, IP, WB,ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Contrôles positifs:

WB : tissu hépatique humain, cellules A549, cellules HeLa, cellules K-562, cellules Raji, tissu hépatique de souris, tissu ovarien de souris, tissu rénal de souris

IP : tissu rénal de souris,

IF : cellules HeLa,

Informations générales

The signal recognition particle (SRP) is one of the few functional small RNP particles. The SRP couples the synthesis of membrane and secretory proteins across or into the endoplasmic reticulum (ER) membrane in eukaryotes, as well as across the bacterial plasma membrane, and chloroplast thylakoid membranes. The mammalian SRP is composed of a 7S (or 7SL) RNA and six different proteins, SRP9, SRP14, SRP19, SRP54, SRP68 and SRP72. All of the components of SRP, including SRP RNA, participate directly in the overall protein targeting process. SRP19 binds directly to 7S RNA and mediates binding of the 54 kDa subunit of the SRP. SRP19 was shown to significantly enhance SRP54 attachment to helix 8 of 7SL RNA. Binding of SRP19 leads to restructuring of both helix 6 and 8, causing local changes at the SRP54-binding site. This antibody is a rabbit polyclonal antibody raised against full length SRP19 of human origin.

Publications notables

Autrice	Pubmed ID	Journal	Application
Joseph Russo	28129347	PLoS One	WB
Anne-Sophie Gribling-Burrer	28115638	Nucleic Acids Res	WB
Diego Acosta-Alvear	30582518	Elife	WB

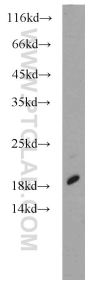
Stockage

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

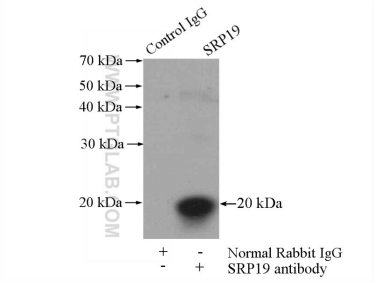
***** Les 20ul contiennent 0,1% de BSA.**

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

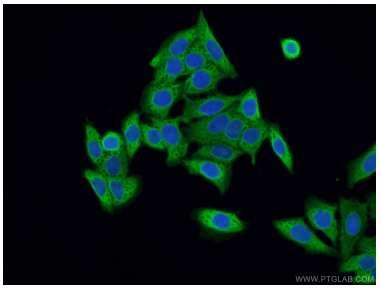
Données de validation sélectionnées



human liver tissue were subjected to SDS PAGE followed by western blot with 16033-1-AP (SRP19 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-SRP19 (IP:16033-1-AP, 4ug; Detection:16033-1-AP 1:500) with mouse kidney tissue lysate 4000ug.



Immunofluorescent analysis of HeLa cells using 16033-1-AP (SRP19 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).