

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SERP1



Numéro de catalogue: 17807-1-AP

3 Publications

Informations de base

Numéro de catalogue:
17807-1-AP

Taille:
150ul, Concentration: 193 µg/ml by Nanodrop and 193 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG12087

Numéro d'acquisition GenBank:
BC108314

Identification du gène (NCBI):
27230

Nom complet:
stress-associated endoplasmic reticulum protein 1

MW calculé:
66 aa, 7 kDa

MW observés:
10 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

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

Contrôles positifs:

WB : tissu cérébral de souris, cellules HeLa, tissu pancréatique de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer de l'endomètre humain,

IF : cellules HeLa,

Informations générales

Stress-associated endoplasmic reticulum (ER) protein 1 (SERP1), also known as ribosome-associated membrane protein 4 (RAMP4), is a Sec61-associated polypeptide that is induced by ER stress [PMID:16705175]. SERP1 interacts with target proteins during their translocation into the lumen of the endoplasmic reticulum. It controls glycosylation of major histocompatibility complex class II-associated invariant chains by a translocational pausing mechanism, and its overexpression stabilizes newly synthesized membrane proteins under ER stress by associating with the Sec61 complex [PMID:10601334]. It is suggested SERP1 is involved in the biosynthesis/processing of secretory proteins

Publications notables

Autrice	Pubmed ID	Journal	Application
Feng Li	36505280	Am J Transl Res	IHC
Jia-Ni Tian	31461934	Viruses	
Xuan Tan	36952345	Cell Rep	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.

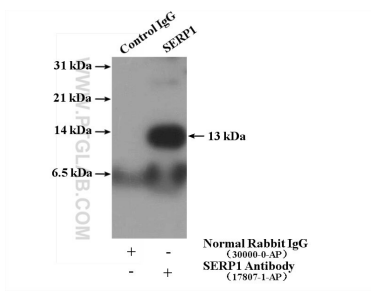
For technical support and original validation data for this product please contact:

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

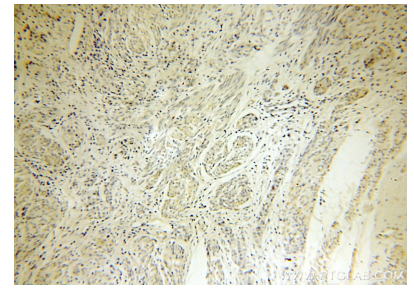
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées

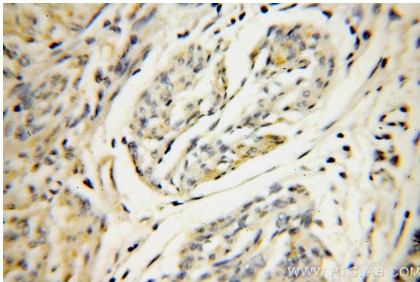


IP result of anti-SERP1 (IP:17807-1-AP, 4 μ g; Detection:17807-1-AP 1:500) with mouse brain tissue lysate 3160 μ g.

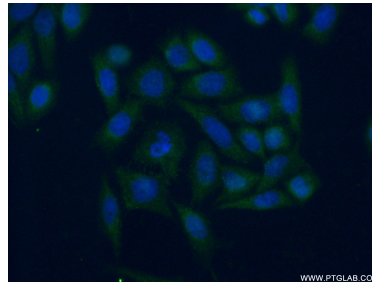
mouse brain tissue were subjected to SDS PAGE followed by western blot with 17807-1-AP (SERP1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer using 17807-1-AP (SERP1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer using 17807-1-AP (SERP1 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 17807-1-AP (SERP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).