

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-EPRS



Numéro de catalogue: 25307-1-AP

1 Publications

## Informations de base

Numéro de catalogue: 25307-1-AP	Numéro d'acquisition GenBank: BC126275	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 2058	Dilutions recommandées: WB 1:500-1:1000 IF 1:20-1:200
Hôte: Lapin	Nom complet: glutamyl-prolyl-tRNA synthetase	
Isotype: IgG	MW calculé 1512 aa, 171 kDa	
Immunogen Catalog Number: AG18011	MW observés: 171 kDa	

## Applications

Applications testées: IF, WB, ELISA	Contrôles positifs: WB : cellules HEK-293, cellules Jurkat IF : cellules HEK-293,
Demandes citées: WB	
Spécificité de l'espèce: Humain	
Espèces citées: Humain	

## Informations générales

Human EPRS is a 172 kDa, 1512 amino acid polypeptide consisting of three major domains. The N and C termini contain ERS and PRS catalytic domains, respectively, joined by a 300 amino acid linker containing three tandem WHEP-TRS (referred to as WHEP) domains. EPRS is a bifunctional aminoacyl-tRNA synthetase that catalyzes the aminoacylation of glutamic acid and proline tRNA species. EPRS has a special role in GAIT-mediated translational control, as it is solely responsible for recognition and interaction with GAIT elements in target mRNAs. (PMID: 29576217, PMID: 22386318, PMID: 19647514)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jing Zhang	28590090	Proteomics	WB

## Stockage

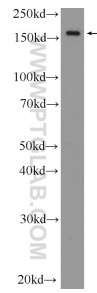
Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

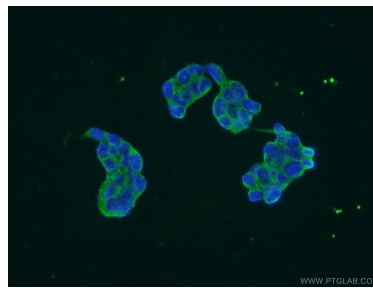
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Données de validation sélectionnées



HEK-293 cells were subjected to SDS PAGE followed by western blot with 25307-1-AP (EPRS Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HEK-293 cells using 25307-1-AP (EPRS antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).