

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EEF1B2



Numéro de catalogue: 10095-2-AP

Phare

5 Publications

Informations de base

Numéro de catalogue:
10095-2-AP

Taille:
150ul, Concentration: 300 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0135

Numéro d'acquisition GenBank:
BC000211

Identification du gène (NCBI):
1933

Nom complet:
eukaryotic translation elongation factor 1 beta 2

MW calculé:
25 kDa

MW observés:
30-34 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:10000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:10-1:100

Applications

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

Demandes citées:
IF, IHC, IP, RIP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

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 : cellules PC-3, cellules HEK-293, cellules HeLa, cellules Jurkat, cellules SKOV-3, RAW264.7

IP : cellules Jurkat,

IHC : tissu de cancer du pancréas humain,

IF : cellules MCF-7,

Informations générales

In eukaryotes, the translation elongation factor eEF1A responsible for transporting amino-acylated tRNA to the ribosome forms a higher-order complex, eEF1H, with its guanine-nucleotide-exchange factor eEF1B. eEF1B consists of three subunits: eEF1B alpha, eEF1B beta and eEF1B gamma. The eEF1B2 possess the nucleotide-exchange activity. Although several models on the basis of in vitro experiments have been proposed for the macromolecular organization of the eEF1H complex, these models differ in various aspects. The human eukaryote elongation factor 1 beta 2 (eEF1B2) migrated as a 30-34 kDa protein in SDS-PAGE. This antibody is a rabbit polyclonal antibody raised against residues near the N terminus of human EEF1B2.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ji-Hang Yuan	28553938	Nat Cell Biol	RIP
Shuhei Sammaibashi	30008712	Front Microbiol	WB
Yuan Cao	25436608	PLoS One	WB, IHC, 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.

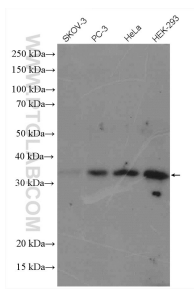
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

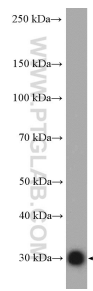
E: proteintech@ptglab.com
W: ptglab.com

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

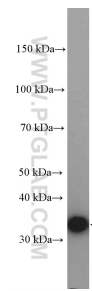
Données de validation sélectionnées



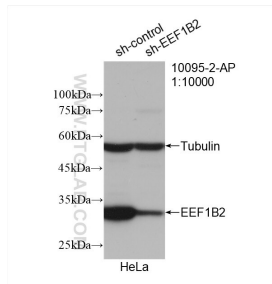
Various lysates were subjected to SDS PAGE followed by western blot with 10095-2-AP (EEF1B2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



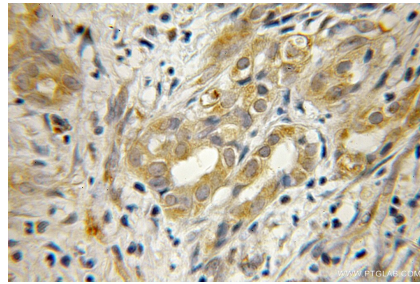
PC-3 cells were subjected to SDS PAGE followed by western blot with 10095-2-AP (EEF1B2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



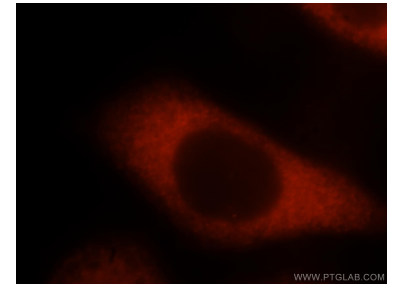
HeLa cells were subjected to SDS PAGE followed by western blot with 10095-2-AP (EEF1B2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



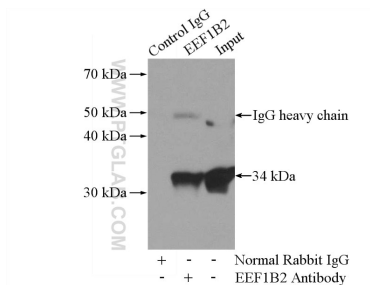
WB result of EEF1B2 antibody (10095-2-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EEF1B2 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 10095-2-AP (EEF1B2 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of MCF-7 cells, using 10095-2-AP and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-EEF1B2 (IP:10095-2-AP, 4ug; Detection:10095-2-AP 1:500) with Jurkat cells lysate 2400ug.