

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-EIF5A



Numéro de catalogue: 11309-1-AP

4 Publications

## Informations de base

<b>Numéro de catalogue:</b> 11309-1-AP	<b>Numéro d'acquisition GenBank:</b> BC001832	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 550 µg/ml by Nanodrop and 420 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 1984	<b>Dilutions recommandées:</b> WB 1:5000-1:50000 IHC 1:50-1:500 IF 1:50-1:500
<b>Hôte:</b> Lapin	<b>Nom complet:</b> eukaryotic translation initiation factor 5A	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 18 kDa	
<b>Immunogen Catalog Number:</b> AG1849	<b>MW observés:</b> 18 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, IHC, 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 HeLa, cellules NIH/3T3, cellules PC-3

IHC : tissu testiculaire de souris,

IF : cellules HeLa,

## Informations générales

Translation of messenger RNA (mRNA) to protein in eukaryotes is a crucial process in protein biosynthesis, in which initiation of translation involves interaction of different eukaryotic translation initiation factors (eIFs), ribosome subunits and mRNAs. Eukaryotic translation initiation factor 5A (EIF5A) is one of the eIFs involved in translation initiation. EIF5A has an essential role in cell viability and the only protein known to contain the amino acid residue hypusine, formed by post-translational modification of a specific lysine residue. Firstly identified as a translation initiation factor, it also has a function in the elongation step of translation.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Chuanxin Zhang	36242049	J Ovarian Res	IF
Linjing Li	34234848	J Cancer	WB,IHC
Linchong Sun	37500770	Nat Chem Biol	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.

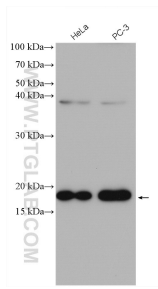
For technical support and original validation data for this product please contact:

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

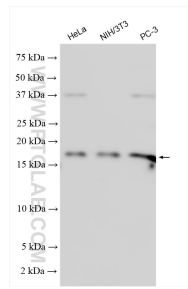
E: proteintech@ptglab.com  
W: ptglab.com

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

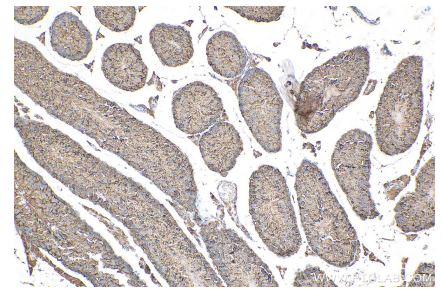
## Données de validation sélectionnées



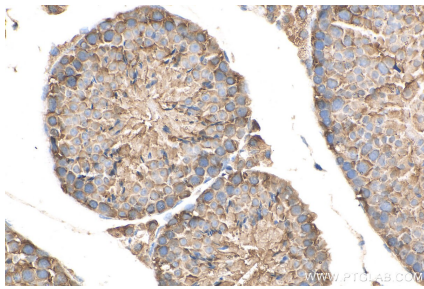
Various lysates were subjected to SDS PAGE followed by western blot with 11309-1-AP (EIF5A antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



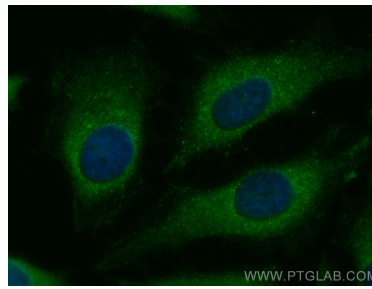
Various lysates were subjected to SDS PAGE followed by western blot with 11309-1-AP (EIF5A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11309-1-AP (EIF5A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11309-1-AP (EIF5A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using EIF5A antibody (11309-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).