

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-EIF5A1/EIF5A2



Numéro de catalogue: 17069-1-AP

Phare

10 Publications

## Informations de base

Numéro de catalogue:

17069-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG10895

Numéro d'acquisition GenBank:

BC036072

Identification du gène (NCBI):

56648

Nom complet:

eukaryotic translation initiation factor 5A2

MW calculé

153 aa, 17 kDa

MW observés:

17 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

## Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, 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 : tissu cérébral de souris, cellules A2780, tissu testiculaire de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer de la prostate humain, tissu de cancer de l'estomac humain, tissu de cancer du côlon humain

## Informations générales

Eukaryotic initiation factor 5A (EIF5A) plays an essential role in the viability of eukaryotic cells. EIF5A is known to act as a translation initiation factor specific for a small number of mRNAs, a cellular target of HIV-1 REV protein, and an exportin-4-dependent nuclear export cargo. It is also involved in mRNA turnover and the establishment of actin polarity. [PMID:16157662]. EIF5A2, one isoform of EIF5A, has a key at the level of mRNA turnover by acting downstream of decapping. It also involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity [PMID:14622290]. EIF5A2 shares 84% identity of amino acid sequence with EIF5A1 isoform, so EIF5A2 poly-antibody could recognize both EIF5A2 and EIF5A1.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Guodong Xu	25380840	BMC Pulm Med	WB
Dorian Farache	35358571	J Mol Biol	WB
Yu Liu	24638963	Breast Cancer	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.

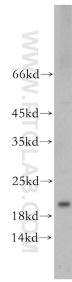
For technical support and original validation data for this product please contact:

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

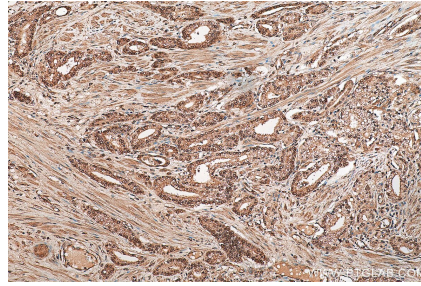
E: proteintech@ptglab.com  
W: ptglab.com

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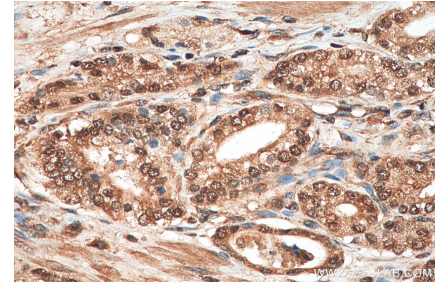
## Données de validation sélectionnées



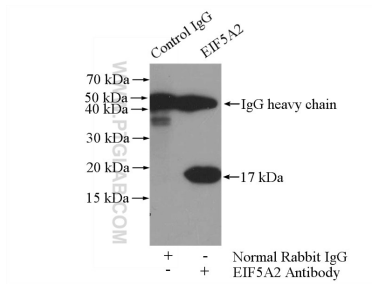
mouse brain tissue were subjected to SDS PAGE followed by western blot with 17069-1-AP (EIF5A2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 17069-1-AP (EIF5A1/EIF5A2 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 human prostate cancer tissue slide using 17069-1-AP (EIF5A1/EIF5A2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-EIF5A2 (IP:17069-1-AP, 3ug; Detection:17069-1-AP 1:500) with mouse brain tissue lysate 4000ug.