

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EIF6



Numéro de catalogue: 10291-1-AP

Phare

5 Publications

Informations de base

Numéro de catalogue:
10291-1-AP

Taille:
150ul, Concentration: 233 µg/ml by
Bradford method using BSA as the
standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0324

Numéro d'acquisition GenBank:
BC001119

Identification du gène (NCBI):
3692

Nom complet:
eukaryotic translation initiation
factor 6

MW calculé

27 kDa

MW observés:

27 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:2000-1:16000
IHC 1:20-1:200
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, WB, ELISA

Demandes citées:
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 : cellules A375, cellules COLO 320, cellules HeLa, cellules HepG2, tissu hépatique de souris

IHC : tissu de cancer de la prostate humaine, tissu de côlon humain

IF : cellules HeLa,

Informations générales

p27(BBP/eIF6) is an evolutionarily conserved protein that was originally identified as p27(BBP). It functions as an interactor of the cytoplasmic domain of integrin 4 and as the putative translation initiation factor eIF6. p27BBP is found in two pools: one nuclear pool enriched in the perinucleolar region, and one cytoplasmic pool. p27BBP binds to the fibronectin type III domains of integrin 4 subunit (ITGB4), an important functional component of hemidesmosomes, and help link ITGB4 to the intermediate filament cytoskeleton. In vitro and in vivo studies demonstrated that p27BBP is essential for cell viability and has a primary function in the biogenesis of the 60S ribosomal subunit. p27BBP protein is increased in rapidly cycling cells and decreased in villous cells committed to apoptotic cell death. In dysplastic colorectal adenomas and carcinomas, p27BBP displayed a large increase of its nucleolar component and was associated with the nuclear matrix. In particular, p27BBP increased progressively from adenomas to carcinomas and was related to the tumor stage.

Publications notables

Autrice	Pubmed ID	Journal	Application
Meina Shi	26557144	Evid Based Complement Alternat Med	WB
Kaosheng Lv	33711283	Cell Stem Cell	WB
Henson Adrianna L AL	23792098	Biochem Biophys Res Commun	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.

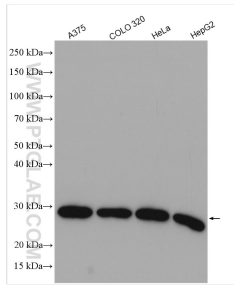
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

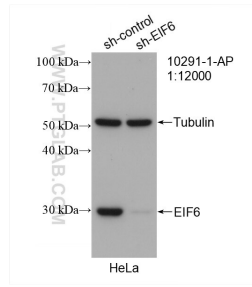
E: proteintech@ptglab.com
W: ptglab.com

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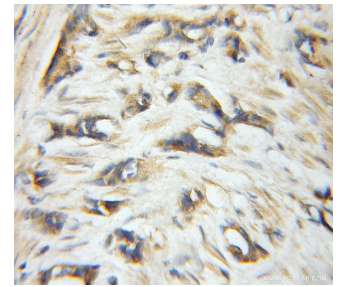
Données de validation sélectionnées



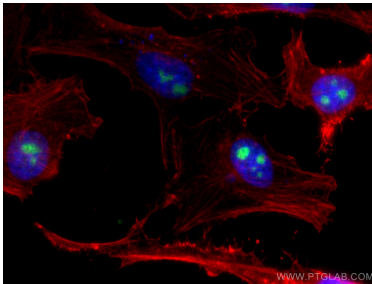
Various lysates were subjected to SDS PAGE followed by western blot with 10291-1-AP (EIF6 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



WB result of EIF6 antibody (10291-1-AP; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EIF6 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10291-1-AP (EIF6 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using EIF6 antibody (10291-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).