À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EIF4A3

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:17504-1-AP Phare 33 Publications

Informations de base

Numéro de catalogue:
17504-1-AP

Taille:
150ul , Concentration: 400 μg/ml by Nanodrop and 347 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG11701

Numéro d'acquisition GenBank:
BC003662

Identification du gène (NCBI):
9775

Nom complet:
eukaryotic translation initiation factor 4A, isoform 3

MW calculé
47 kDa

MW observés:
47 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:20-1:200
IF 1:10-1:100

Applications

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

Demandes citées:
CoIP, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A549, cellules HEK-293, cellules HeLa, cellules HepG2, cellules MCF-7, tissu cardiaque de souris, tissu de thymus de souris, tissu hépatique de souris, tissu pulmonaire de souris

IP : tissu cardiaque de souris,

IHC : tissu rénal humain, tissu cardiaque humain, tissu cérébral humain, tissu ovarien humain, tissu pulmonaire humain, tissu splénique humain, tissu testiculaire humain

IF : cellules MCF-7,

Informations générales

EIF4A3 is a component of the exon junction complex (EJC), which assembles near exon-exon junctions of mRNAs as a result of splicing. EJC proteins involves in postsplicing events, including mRNA export, cytoplasmic localization, and nonsense-mediated decay. Its RNA-dependent ATPase and RNA-helicase activities are induced by CASC3, but abolished in presence of the MAGOH/RBM8A heterodimer, thereby trapping the ATP-bound EJC core onto spliced mRNA in a stable conformation. Besides, it involved in translational enhancement of spliced mRNAs after formation of the 80S ribosome complex and binds spliced mRNA in sequence-independent manner, 20-24 nucleotides upstream of mRNA exon-exon junctions

Publications notables

Autrice	Pubmed ID	Journal	Application
Jinguo Xia	36225644	Am J Cancer Res	RIP
S Prpar Mihevc	27665936	Sci Rep	WB,IF
Qingxia Gao	36314820	J Virol	WB

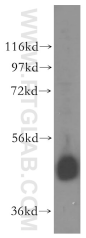
Stockage

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

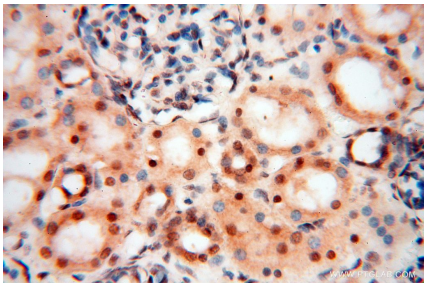
*** Les 20ul contiennent 0,1% de BSA.

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

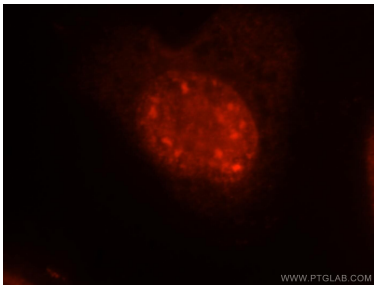
Données de validation sélectionnées



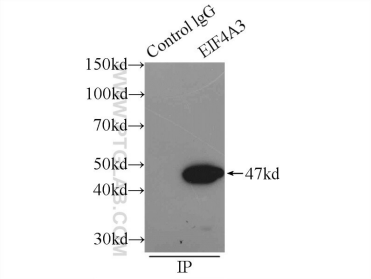
A549 cells were subjected to SDS PAGE followed by western blot with 17504-1-AP (EIF4A3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



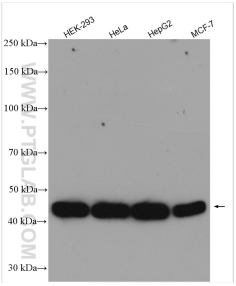
Immunohistochemical analysis of paraffin-embedded human kidney using 17504-1-AP (EIF4A3 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of MCF-7 cells, using EIF4A3 antibody 17504-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-EIF4A3 (IP:17504-1-AP, 3ug; Detection:17504-1-AP 1:1000) with mouse heart tissue lysate 5000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 17504-1-AP (EIF4A3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.