À des fins de recherche uniquement

Anticorps Monoclonal anti-EIF4A3

Numéro de catalogue:67740-1-Ig

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Antibodies | ELISA kits | Proteins
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Informations de base

Numéro de catalogue:
67740-1-Ig

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop;

Hôte:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG11130

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 protéine A

CloneNo.:
1G6H9

Dilutions recommandées:
WB 1:20000-1:100000
IHC 1:1250-1:5000

Applications

Applications testées:
IHC, WB, ELISA

Spécificité de l'espèce:
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 HeLa, cellules 4T1, cellules HEK-293, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules NIH/3T3, cellules PC-12

IHC : tissu de cancer du côlon humain, tissu de carcinome à cellules rénales humain

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

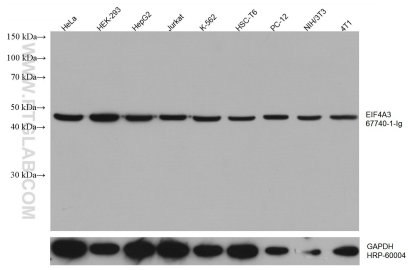
Stockage

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

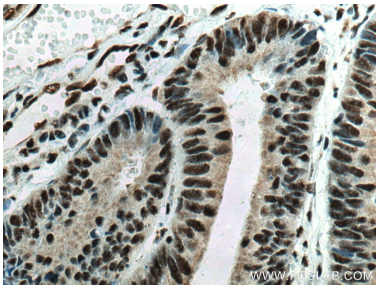
***** Les 20ul contiennent 0,1% de BSA.**

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

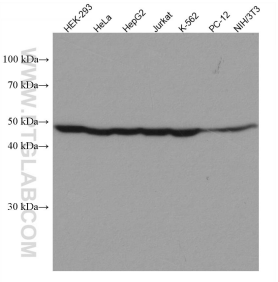
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67740-1-Ig (EIF4A3 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67740-1-Ig (EIF4A3 antibody) at dilution of 1:2500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 67740-1-Ig (EIF4A3 antibody) at dilution of 1:25000 incubated at room temperature for 1.5 hours.