

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EIF4A3



Numéro de catalogue: 10463-1-AP

2 Publications

Informations de base

Numéro de catalogue:
10463-1-AP

Taille:
150ul, Concentration: 300 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0733

Numéro d'acquisition GenBank:
BC004386

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 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

Applications

Applications testées:
IP, WB, ELISA

Demandes citées:
IP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules Raji, tissu hépatique de souris, tissu pulmonaire humain

IP : cellules HEK-293,

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 postslicing 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
Izumi Natsuko N	20371770	Sci Signal	WB
Yamashita Akio A	19417104	Genes Dev	WB,IP

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.

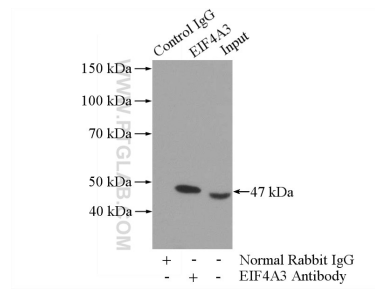
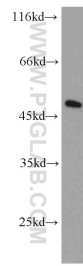
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Données de validation sélectionnées



HeLa cells were subjected to SDS PAGE followed by western blot with 10463-1-AP (EIF4A3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

IP Result of anti-EIF4A3 (IP:10463-1-AP, 3ug; Detection:10463-1-AP 1:300) with HEK-293 cells lysate 2800ug.