À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EIF3I

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:11287-1-AP Phare 6 Publications

Informations de base

Numéro de catalogue:
11287-1-AP

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

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1847

Numéro d'acquisition GenBank:
BC000413

Identification du gène (NCBI):
8668

Nom complet:
eukaryotic translation initiation factor 3, subunit I

MW calculé
36 kDa

MW observés:
36 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 1:500-1:2000 for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

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

Demandes citées:
CoIP, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris, Hamster

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 HEK-293, cellules HeLa, cellules HepG2, cellules Jurkat, cellules K-562, cellules MCF-7, cellules NIH/3T3, cellules SH-SY5Y, tissu cérébral de souris, tissu placentaire humain

IP : cellules HEK-293,

IHC : tissu de cancer du sein humain, tissu hépatique humain, tissu testiculaire humain

IF : cellules HeLa,

Informations générales

Eukaryotic initiation factor (EIF3) complex is the largest of the eIFs and consists of more than 10 nonidentical subunit, and is required for several steps in the initiation of protein synthesis. It associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S preinitiation complex (43S PIC). Also it can stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. EIF3I is one subunit of EIF3 complex.

Publications notables

Autrice	Pubmed ID	Journal	Application
Emma Jane Mead	26420881	Biochem J	WB
Wei Pan	29173589	Vet Microbiol	WB
Anne Roobol	24320561	Biochem J	WB

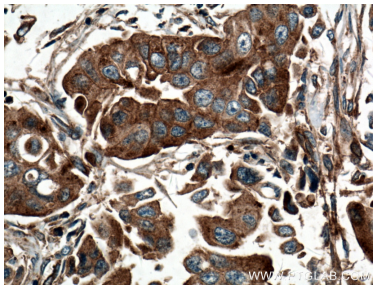
Stockage

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

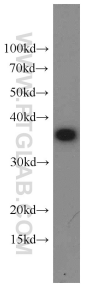
*** Les 20ul contiennent 0,1% de BSA.

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

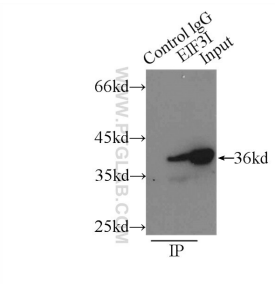
Données de validation sélectionnées



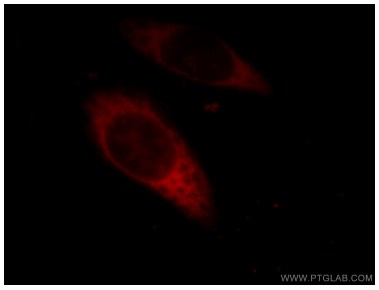
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11287-1-AP (EIF3I antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



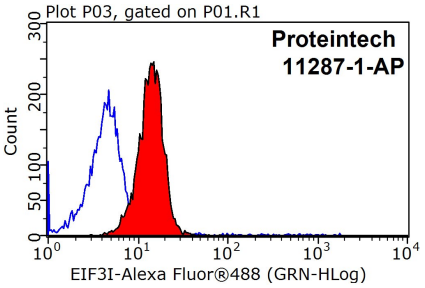
HEK-293 cells were subjected to SDS PAGE followed by western blot with 11287-1-AP (EIF3I antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-EIF3I (IP:11287-1-AP, 3ug; Detection:11287-1-AP 1:1000) with HEK-293 cells lysate 1500ug.



Immunofluorescent analysis of Hela cells, using EIF3I antibody 11287-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



1X10^6 HeLa cells were stained with 0.2ug EIF3I antibody (11287-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.