À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EIF3D

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:10219-1-AP Phare 18 Publications

Informations de base

Numéro de catalogue:
10219-1-AP

Taille:
150ul , Concentration: 450 μg/ml by Nanodrop and 293 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0268

Numéro d'acquisition GenBank:
BC000328

Identification du gène (NCBI):
8664

Nom complet:
eukaryotic translation initiation factor 3, subunit D

MW calculé
66 kDa

MW observés:
66 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:20-1:200

Applications

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

Demandes citées:
CoIP, IF, IHC, PLA, WB

Spécificité de l'espèce:
Humain, levure, souris

Espèces citées:
Humain, Lapin, levure, 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 : tissu cérébral de souris, cellules A549, cellules HepG2, cellules Jurkat, cellules L02, tissu cérébral humain

IP : cellules A549,

IHC : tissu de cancer du sein humain,

Informations générales

The mammalian translation initiation factor 3 (eIF3), is a multiprotein complex of ~600 kDa that binds to the 40 S ribosome and promotes the binding of methionyl-tRNAi and mRNA. The EIF3S7(p66) is the major RNA binding subunit in this complex. Human eIF3-p66 shares 64% sequence identity with a hypothetical Caenorhabditis elegans protein, presumably the p66 homolog. Deletion analyses of recombinant derivatives of eIF3-p66 show that the RNA-binding domain lies within an N-terminal 71-amino acid region rich in lysine and arginine.

Publications notables

Autrice	Pubmed ID	Journal	Application
Junjie Zhao	32989225	Br J Cancer	IF
Gracy X Rosario	25031358	Biol Reprod	IF
Hai Huang	31669222	EBioMedicine	IHC

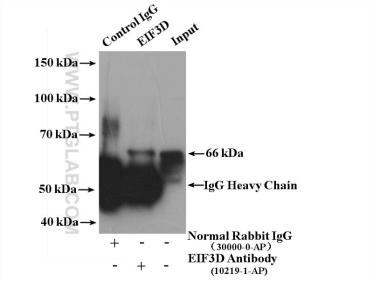
Stockage

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

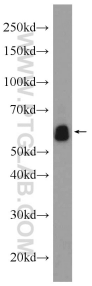
*** Les 20ul contiennent 0,1% de BSA.

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

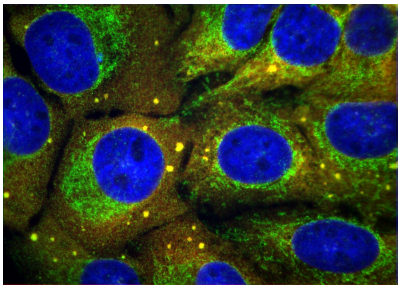
Données de validation sélectionnées



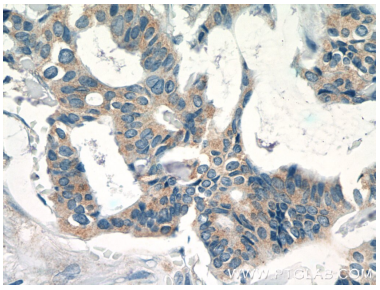
IP result of anti-EIF3D (IP:10219-1-AP, 4ug; Detection:10219-1-AP 1:300) with A549 cells lysate 2800 ug.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10219-1-AP (EIF3D Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IF result of 10219-1-AP (anti-EIF3D) in U2OS cell (treated with 100 mM sodium arsenite to cause stress-induced translational arrest) by Dr. Nancy Kedersha.U2OS cells (FAST-YFP stables; but not showing FAST-YFP); stained with PTG anti-eIF3p66 in green; and counterstained with anti-eIF3b (goat polyclonal) in red; nuclei stained blue using Hoechst.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10219-1-AP (EIF3D Antibody) at dilution of 1:50 (under 40x lens).

Various lysates were subjected to SDS PAGE followed by western blot with 10219-1-AP (EIF3D antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.