

À des fins de recherche uniquement

Anticorps Monoclonal anti-EIF3B

Numéro de catalogue: 68202-1-Ig



Informations de base

Numéro de catalogue: 68202-1-Ig	Numéro d'acquisition GenBank: BC001173	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 8662	CloneNo.: 1G12G12
Hôte: Mouse	Nom complet: eukaryotic translation initiation factor 3, subunit B	Dilutions recommandées: WB 1:2000-1:10000
Isotype: IgG1	MW calculé 93 kDa	
Immunogen Catalog Number: AG31427	MW observés: 115 kDa	

Applications

Applications testées:
WB, ELISA

Spécificité de l'espèce:
Humain, rat, souris

Contrôles positifs:

WB : cellules HCT 116, cellules A431, cellules HEK-293,
cellules HeLa, cellules HepG2, cellules HSC-T6,
cellules Jurkat, cellules K-562, cellules NIH/3T3

Informations générales

EIF3B, also named Eukaryotic translation initiation factor 3 subunit B, is an 814 amino acid protein, which contains 1 RRM (RNA recognition motif) domain and 8 WD repeats and belongs to the eIF-3 subunit B family. EIF3B as an RNA-binding component of the eukaryotic translation initiation factor 3 (eIF-3) complex, is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNA_i and eIF-5 to form the 43S pre-initiation complex (43S PIC). The eIF-3 complex 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 post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation, including cell cycling, differentiation, and apoptosis, and uses different modes of RNA stem-loop binding to exert either translational activation or repression. The calculated molecular weight of EIF3B is 93 kDa, but the phosphorylated EIF3B protein is about 115 kDa.

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.**

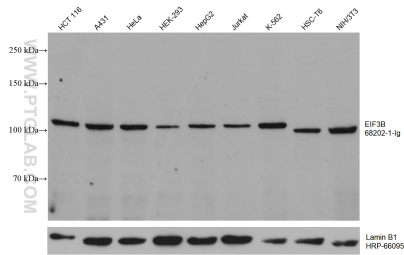
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68202-1-Ig (EIF3B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.