

À des fins de recherche uniquement

Anticorps Monoclonal anti-EIF2S2

Numéro de catalogue: 68463-1-Ig



Informations de base

Numéro de catalogue: 68463-1-Ig	Numéro d'acquisition GenBank: BC000461	Méthode de purification: Protein G Magarose purification
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 8894	CloneNo.: 2H8E1
Hôte: Mouse	Nom complet: eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa	Dilutions recommandées: WB 1:5000-1:50000
Isotype: IgG1	MW calculé 38 kDa	
Immunogen Catalog Number: AG18349	MW observés: 50 kDa	

Applications

Applications testées:
WB, ELISA

Spécificité de l'espèce:
Humain, rat, souris

Contrôles positifs:

WB : cellules A549, cellules HEK-293, cellules HeLa,
cellules HepG2, cellules HSC-T6, cellules Jurkat,
cellules K-562, cellules LNCaP, cellules NIH/3T3

Informations générales

Eukaryotic translation initiation factor 2 (eIF2) is composed of three subunits, eIF2 alpha, eIF2 beta (EIF2S2), and eIF2 gamma, which are present in equal molar amounts. eIF2 beta plays a central role in the maintenance of what is generally considered a rate-limiting step in mRNA translation. In the early steps of protein synthesis, eIF2 beta binds GTP and Met-tRNA and transfers Met-tRNA to the 40S ribosomal subunit. At the end of the initiation process, GTP bound to eIF2 beta is hydrolyzed to GDP and the eIF2/GDP complex is released from the ribosome. The exchange of GDP bound to eIF2 beta for GTP is a prerequisite to binding Met-tRNA and is mediated by eIF2 beta, which recycles the eIF2 complex for another round of initiation.

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.

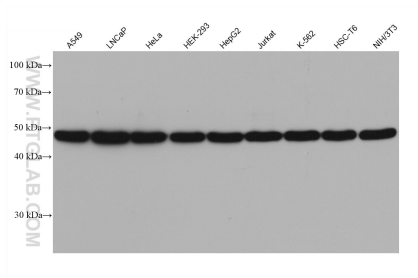
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68463-1-Ig (EIF2S2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.