

À des fins de recherche uniquement

Anticorps Monoclonal anti-Glutamine Synthetase



Numéro de catalogue: **CL555-66323**

Phare

Informations de base

Numéro de catalogue: CL555-66323	Numéro d'acquisition GenBank: BC011700	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 2752	CloneNo.: 1B6G4
Hôte: Mouse	Nom complet: glutamate-ammonia ligase (glutamine synthetase)	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 374 aa, 42 kDa	Excitation/Emission maxima wavelengths: 557 nm / 570nm
Immunogen Catalog Number: AG6309	MW observés: 42 kDa	

Applications

Applications testées:

IF

Spécificité de l'espèce:

Humain, rat, souris

Contrôles positifs:

IF : tissu cérébral de souris,

Informations générales

GLUL (Glutamine synthetase) is also named as GS, GLNS, which belongs to the glutamine synthetase family. This enzyme has 2 functions: it catalyzes the production of glutamine and 4-aminobutanoate (gamma-aminobutyric acid, GABA), the latter in a pyridoxal phosphate-independent manner. By similarity. Essential for the proliferation of fetal skin fibroblasts (PMID:18662667). Defects in GLUL are the cause of congenital systemic glutamine deficiency (CSGD). Organismal glutamine production is augmented secondary to an increase in the activity of glutamine synthetase in the lung and skeletal muscle (PMID:7630137). There are other bands with higher (66 kDa, 97 kDa) and lower (30 kDa) molecular weights also detected besides the 42 kDa band indicating the proteolysis of GLUL protein by the ubiquitin system (PMID:10091759).

Stockage

Stockage:

Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.

L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

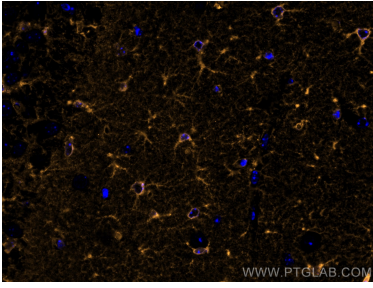
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®555 Glutamine Synthetase antibody (CL555-66323, Clone: 1B6G4) at dilution of 1:200.