

À des fins de recherche uniquement

Anticorps Monoclonal anti-NARS

Numéro de catalogue: 67711-1-Ig



Informations de base

Numéro de catalogue: 67711-1-Ig	Numéro d'acquisition GenBank: BC001687	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 4677	CloneNo.: 4G5G12
Hôte: Mouse	Nom complet: asparaginyL-tRNA synthetase	Dilutions recommandées: WB 1:5000-1:50000 IF 1:400-1:1600
Isotype: IgG2a	MW calculé 63 kDa	
Immunogen Catalog Number: AG6656	MW observés: 63 kDa	

Applications

Applications testées:
IF, WB, ELISA

Spécificité de l'espèce:
Humain, rat, souris

Contrôles positifs:

WB : cellules LNCaP, cellules HeLa, cellules HepG2,
cellules HSC-T6, cellules Jurkat, cellules NIH/3T3,
cellules RAW 264.7

IF : cellules HeLa,

Informations générales

Asparagine-tRNA ligase (NARS) belongs to the class-II aminoacyl-tRNA synthetase family. Catalyzes the attachment of asparagine to tRNA(Asn) in a two-step reaction: asparagine is first activated by ATP to form Asn-AMP and then transferred to the acceptor end of tRNA(Asn) (PubMed: 9421509). In addition to its essential role in protein synthesis, acts as a signaling molecule that induced migration of CCR3-expressing cells. The NARS levels were higher in tumor tissues compared with adjacent normal tissues, and positively associated with LN metastasis. NARS may serve as a potential biomarker for lung adenocarcinoma (ADC) diagnosis/prognosis (PMID: 27161446).

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.

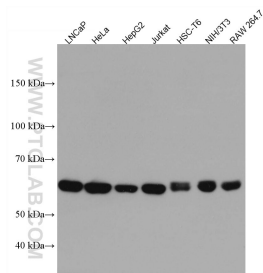
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

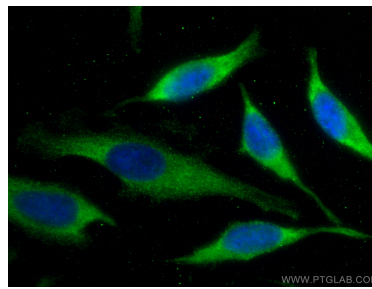
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67711-1-Ig (NARS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using NARS antibody (67711-1-Ig, Clone: 4G5G12) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).