

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NFS1



Numéro de catalogue: 15370-1-AP

Phare

6 Publications

Informations de base

Numéro de catalogue:

15370-1-AP

Taille:

150ul, Concentration: 650 µg/ml by Nanodrop and 393 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG3872

Numéro d'acquisition GenBank:

BC018471

Identification du gène (NCBI):

9054

Nom complet:

NFS1 nitrogen fixation 1 homolog (S. cerevisiae)

MW calculé

50 kDa

MW observés:

50 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 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, 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: cellules A549, cellules HeLa, cellules HepG2, tissu cardiaque humain

IP: cellules HepG2,

IHC: tissu hépatique humain, tissu cérébral humain, tissu ovarien humain, tissu placentaire humain, tissu rénal humain, tissu splénique humain, tissu testiculaire humain

IF: cellules HepG2,

Informations générales

NFS1(nitrogen fixation 1 homolog) is also named as NIFS, HUSSY-08 and belongs to the class-V pyridoxal-phosphate-dependent aminotransferase family. The protein has been identified as a pyridoxal phosphate-containing homodimer that catalyzes the formation of equimolar amounts of elemental sulfur and L-alanine from the substrate, L-cysteine. It is reported that NFS1 is also able to catalyze the removal of selenium from selenocysteine, a mechanism similar to the L-cysteine reaction was postulated(PMID:9812986). It has 2 isoforms produced by alternative initiation.

Publications notables

Autrice	Pubmed ID	Journal	Application
Rufeng Zhang	31530015	FASEB J	WB
Ioana Ferecatu	29596470	PLoS One	WB,IF
Li Xu	35264205	J Nanobiotechnology	WB

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.

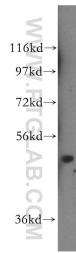
For technical support and original validation data for this product please contact:

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

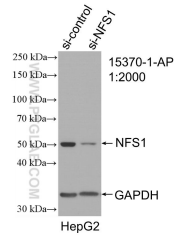
E: proteintech@ptglab.com
W: ptglab.com

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

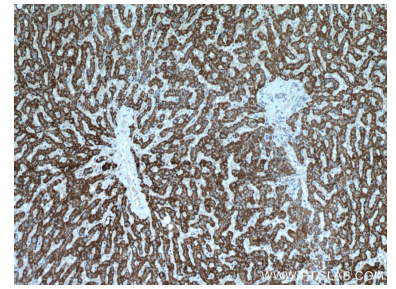
Données de validation sélectionnées



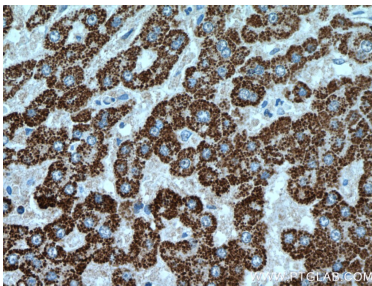
A549 cells were subjected to SDS PAGE followed by western blot with 15370-1-AP (NFS1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



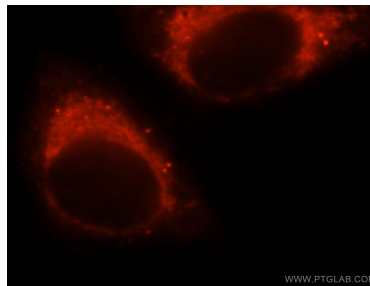
WB result of NFS1 antibody (15370-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NFS1 transfected HepG2 cells.



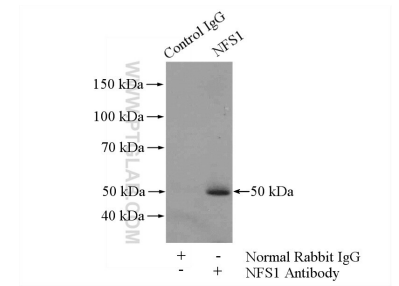
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 15370-1-AP (NFS1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 15370-1-AP (NFS1 antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using NFS1 antibody 15370-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-NFS1 (IP:15370-1-AP, 4ug; Detection:15370-1-AP 1:500) with HepG2 cells lysate 3200ug.