

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ASNA1



Numéro de catalogue: 15450-1-AP

Phare

6 Publications

Informations de base

Numéro de catalogue:

15450-1-AP

Taille:

150ul, Concentration: 227 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7713

Numéro d'acquisition GenBank:

BC002651

Identification du gène (NCBI):

439

Nom complet:

arsA arsenite transporter, ATP-binding, homolog 1 (bacterial)

MW calculé

38.7 kDa

MW observés:

37-41 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral humain, cellules HeLa, tissu cardiaque humain, tissu cérébral de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer du poumon humain,

IF : cellules HepG2,

Informations générales

ASNA1 (also known as TRC40) is a highly conserved ATPase involved in efflux of arsenite and antimonite. Reduced ASNA1 expression is associated with significant inhibition of cell growth, increased apoptosis and increased sensitivity to DDP and arsenite. Thus ASNA1 is proposed to be a target to overcome resistance to cancer chemotherapy. In addition, ASNA1 has been identified as an ER targeting factor for tail-anchored proteins in the posttranslational membrane insertion pathway.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yasunori Yamamoto	23041287	Mol Cell	WB
Tarik Exner	30745342	J Cell Sci	WB
Javier Coy-Vergara	31182645	J Cell Sci	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote 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.

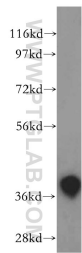
For technical support and original validation data for this product please contact:

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

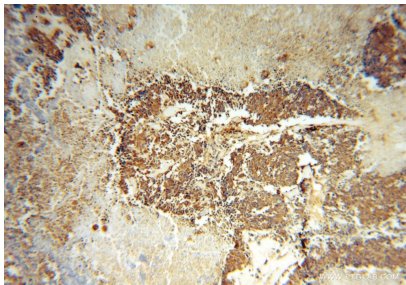
E: proteintech@ptglab.com
W: ptglab.com

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

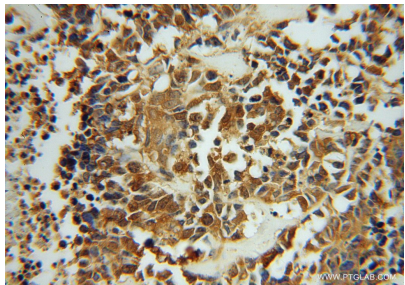
Données de validation sélectionnées



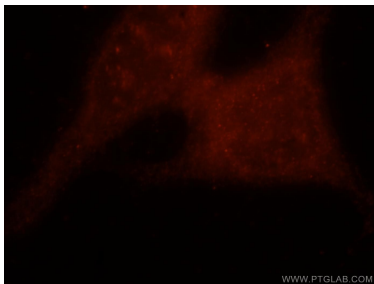
human brain tissue were subjected to SDS PAGE followed by western blot with 15450-1-AP (ASNA1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



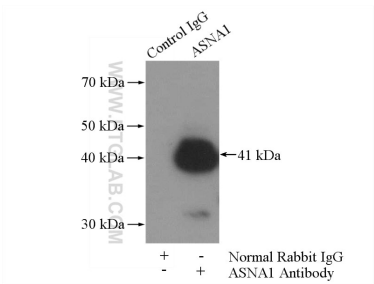
Immunohistochemical analysis of paraffin-embedded human lung cancer using 15450-1-AP (ASNA1 antibody) at dilution of 1:50 (under 10x lens).



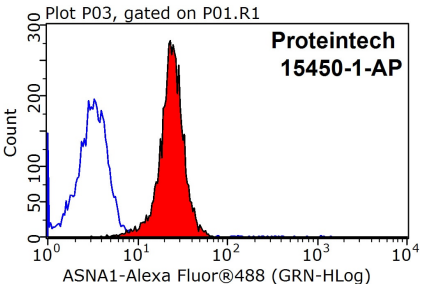
Immunohistochemical analysis of paraffin-embedded human lung cancer using 15450-1-AP (ASNA1 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using ASNA1 antibody 15450-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-ASNA1 (IP:15450-1-AP, 4ug; Detection:15450-1-AP 1:1000) with mouse brain tissue lysate 4000ug.



1X10⁶ HepG2 cells were stained with 0.2ug ASNA1 antibody (15450-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.