

À des fins de recherche uniquement

Anticorps Monoclonal anti-ASNA1

Numéro de catalogue: 66346-1-Ig



Informations de base

Numéro de catalogue: 66346-1-Ig	Numéro d'acquisition GenBank: BC002651	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 439	CloneNo.: 1B7C11
Hôte: Mouse	Nom complet: arsA arsenite transporter, ATP- binding, homolog 1 (bacterial)	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:200-1:800
Isotype: IgG1	MW calculé 38.7 kDa	
Immunogen Catalog Number: AG7936	MW observés: 37-41 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain, porc, rat, 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 : tissu cérébral de rat, cellules HEK-293, cellules Neuro-2a, tissu cérébral de porc, tissu cérébral humain foetal

IHC : tissu de cancer du poumon humain,

IF : cellules HEK-293,

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 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.

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.

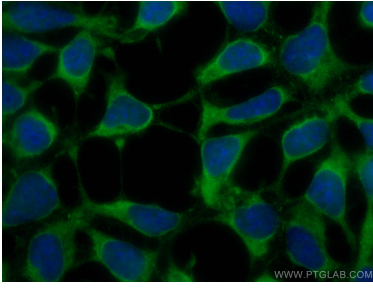
For technical support and original validation data for this product please contact:

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

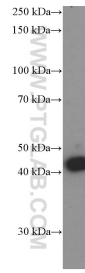
E: proteintech@ptglab.com
W: ptglab.com

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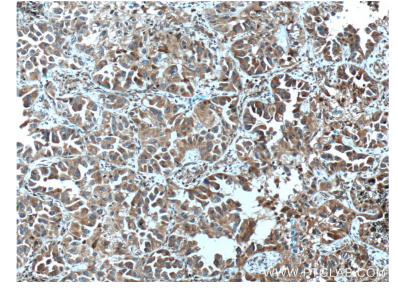
Données de validation sélectionnées



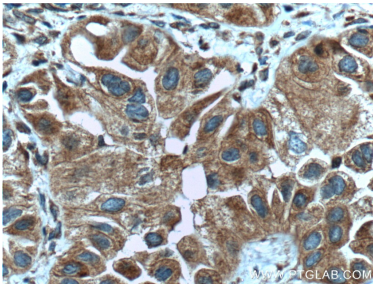
Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using ASNA1 antibody (66346-1-Ig, Clone: 1B7C11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



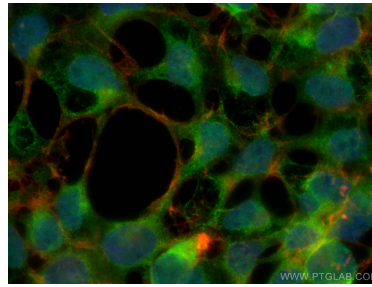
rat brain tissue were subjected to SDS PAGE followed by western blot with 66346-1-Ig (ASNA1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66346-1-Ig (ASNA1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66346-1-Ig (ASNA1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using ASNA1 antibody (66346-1-Ig, Clone: 1B7C11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).