

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Adenylosuccinate lyase



Numéro de catalogue: 15264-1-AP

3 Publications

Informations de base

Numéro de catalogue:

15264-1-AP

Taille:

150ul , Concentration: 350 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7332

Numéro d'acquisition GenBank:

BC000253

Identification du gène (NCBI):

158

Nom complet:

adenylosuccinate lyase

MW calculé

55 kDa

MW observés:

55 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Demandes citées:

IHC, 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 : cellules HeLa, cellules HepG2, cellules NIH/3T3, cellules RAW264.7

IHC : tissu de cancer du foie humain,

IF : cellules HeLa,

Informations générales

ADSL(adenylosuccinate lyase) is also named as AMPS, ASase, ASL and belongs to the lyase 1 family. It is an enzyme involved in 2 pathways of purine nucleotide metabolism and catalyzes cleavage of succinyl groups to yield fumarate(PMID:18524658). Defects in ADSL are the cause of adenylosuccinate deficiency (ADSL deficiency). In humans, mutations in ADSL lead to an inborn error of metabolism originally characterized by developmental delay, often with autistic features(PMID:20884265).The ADSL enzymatic activity is reduced in lymphocytes and red blood cells of the patient with severe psychomotor retardation(PMID:954543). It has 2 isoforms produced by alternative splicing.

Publications notables

Autrice	Pubmed ID	Journal	Application
Eunus S Ali	32485148	Mol Cell	WB
Xiaoting Chen	33869182	Front Cell Dev Biol	WB, IHC
Xiang Jiang	37419985	Cell Death Differ	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.

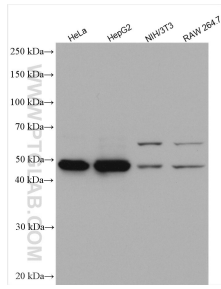
For technical support and original validation data for this product please contact:

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

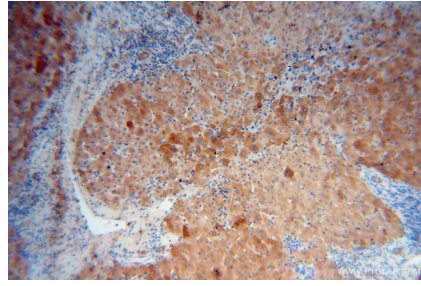
E: proteintech@ptglab.com
W: ptglab.com

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

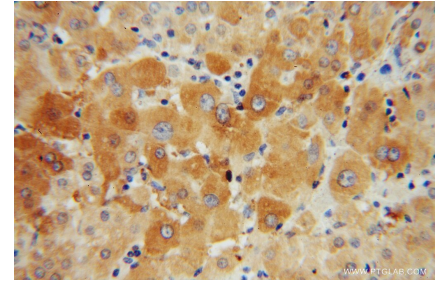
Données de validation sélectionnées



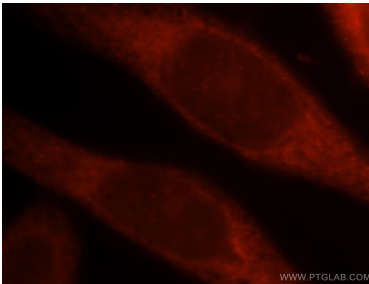
Various lysates were subjected to SDS PAGE followed by western blot with 15264-1-AP (Adenylosuccinate lyase antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



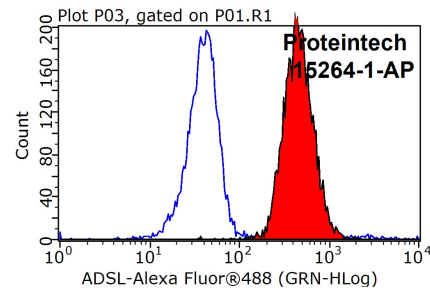
Immunohistochemical analysis of paraffin-embedded human liver cancer using 15264-1-AP (Adenylosuccinate lyase antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 15264-1-AP (Adenylosuccinate lyase antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using ADSL antibody 15264-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



1×10^6 HeLa cells were stained with 0.2ug Adenylosuccinate lyase antibody (15264-1-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 1:1000.