

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ADAT2



Numéro de catalogue: 13621-1-AP

1 Publications

Informations de base

Numéro de catalogue:

13621-1-AP

Taille:

150ul, Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4529

Numéro d'acquisition GenBank:

BC037955

Identification du gène (NCBI):

134637

Nom complet:

adenosine deaminase, tRNA-specific 2, TAD2 homolog (S. cerevisiae)

MW calculé

191 aa, 21 kDa

MW observés:

25 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 1:200-1:1000 for WB

IHC 1:50-1:500

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

souris

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 A431, tissu cérébral de souris, tissu pancréatique de souris

IP : tissu cérébral de souris,

IHC : tissu de cirrhose hépatique humain, tissu de cancer du côlon humain

IF : cellules A431,

Informations générales

ADAT2(tRNA-specific adenosine deaminase 2) is also named as DEADC1 and Belongs to the cytidine and deoxycytidylate deaminase family. It is a 24-kDa molecular mass protein that harbors all the conserved motifs required for deamination. ADAT2 and ADAT3 can function as a heterodimer which catalyses inosine formation at the wobble position (position 34) in eukaryotic tRNAs(PMID:12457566). It has 2 isoforms produced by alternative splicing.

Publications notables

Autrice	Pubmed ID	Journal	Application
Elizabeth Ramos-Morales	34057470	Nucleic Acids Res	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.

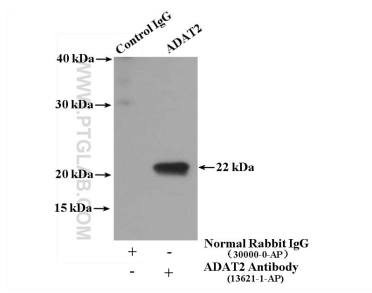
For technical support and original validation data for this product please contact:

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

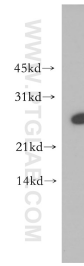
E: proteintech@ptglab.com
W: ptglab.com

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

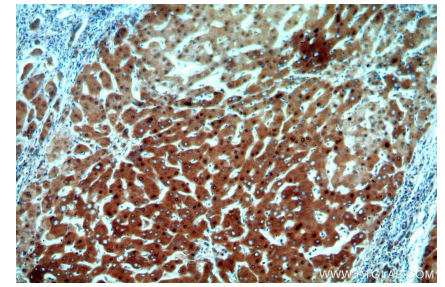
Données de validation sélectionnées



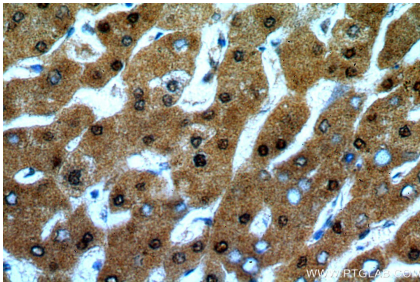
IP result of anti-ADAT2 (IP:13621-1-AP, 4ug; Detection:13621-1-AP 1:300) with mouse brain tissue lysate 3000 ug.



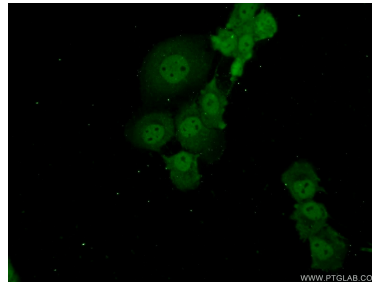
A431 cells were subjected to SDS PAGE followed by western blot with 13621-1-AP (ADAT2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



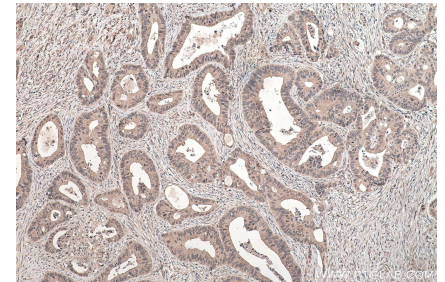
Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 13621-1-AP (ADAT2 antibody) at dilution of 1:50 (under 10x lens).



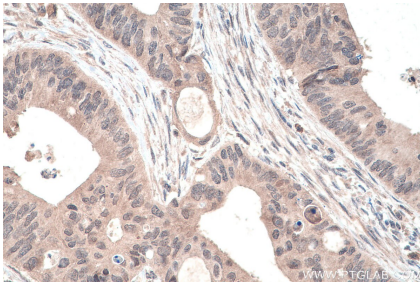
Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 13621-1-AP (ADAT2 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of A431 cells using 13621-1-AP (ADAT2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 13621-1-AP (ADAT2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 13621-1-AP (ADAT2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).