

ADAT2 Polyclonal Antibody

Catalog number: 13621-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

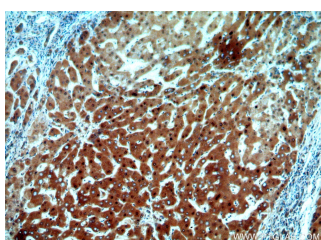
Synonyms:

ADAT2; ADAT2, DEADC1,

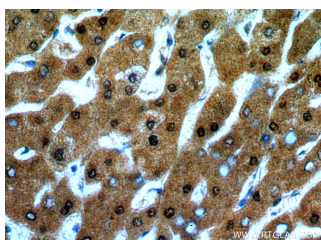
dJ20N2, dJ20N2.1,

DKFZp686L1118, FLJ44213,

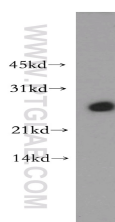
TAD2



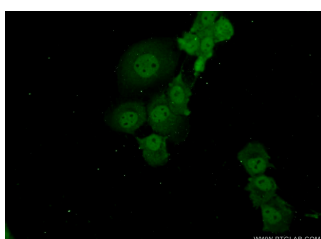
Immunohistochemical of paraffin-embedded human hepatocirrhosis using 13621-1-AP (ADAT2 antibody) at dilution of 1:50 (under 10x lens)



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



A431 cells were subjected to SDS PAGE followed by western blot with 13621-1-AP (ADAT2 antibody) at dilution of 1:400



Immunofluorescent analysis

Background

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.

Applications

Tested applications:	ELISA, WB, IHC, IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated ADAT2 MW:	191aa, 21 kDa
Observed ADAT2 MW:	25kd
Positive WB detected in	A431 cells, mouse brain tissue, mouse pancreas tissue
Positive IHC detected in	Human hepatocirrhosis tissue
Positive IF detected in	A431 cells
Recommended dilution:	WB: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4529
GenBank accession number:	BC037955
Gene ID (NCBI):	134637
Full name:	Adenosine deaminase, tRNA-specific 2, TAD2 homolog (<i>S. cerevisiae</i>)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

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)