

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ADAR1



Numéro de catalogue: 14330-1-AP

14 Publications

## Informations de base

Numéro de catalogue:

14330-1-AP

Taille:

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

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5609

Numéro d'acquisition GenBank:

BC038227

Identification du gène (NCBI):

103

Nom complet:

adenosine deaminase, RNA-specific

MW calculé

136 kDa

MW observés:

110 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:20-1:200

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain, rat, 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 HeLa, cellules HepG2

IP : cellules Y79,

IHC : tissu de gliome humain, tissu cérébral de souris, tissu de cancer de l'estomac humain, tissu de cancer du côlon humain, tissu de côlon de souris

IF : cellules HepG2,

## Informations générales

ADAR1 is also named as ADAR1, DSRAD, G1P1, IF14. It convert selected adenosine residues into inosine in substrate RNAs containing a relatively short dsRNA region(PMID:15556947). The human ADAR1 gene specifies two size forms of RNA-specific adenosine deaminase, an IFN inducible 150 kDa protein and a constitutively expressed N-terminally truncated 110 kDa protein, encoded by transcripts with alternative exon 1 structures that initiate from different promoters(PMID:11111054). It has 5 isoforms produced by alternative promoter usage and alternative splicing. Defects in ADAR are a cause of dyschromatosis symmetrical hereditaria (DSH).ADAR1 can form respective homodimers, and this association is essential for its enzymatic activities(PMID:17428802).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaonan Zhang	34568523	Neurobiol Stress	WB
Wenjing Chen	36417848	Cell Rep	WB
Masashi Takizawa	32439581	Toxicol Lett	IHC

## 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.

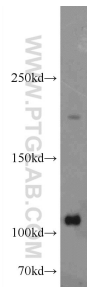
For technical support and original validation data for this product please contact:

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

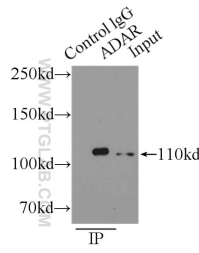
E: proteintech@ptglab.com  
W: ptglab.com

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

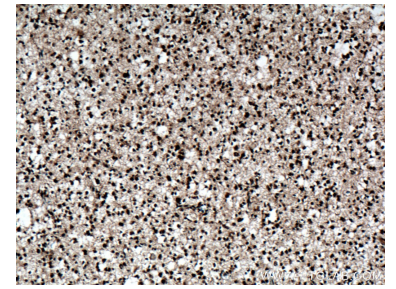
## Données de validation sélectionnées



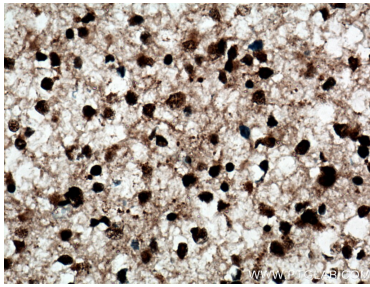
HeLa cells were subjected to SDS PAGE followed by western blot with 14330-1-AP (ADAR1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



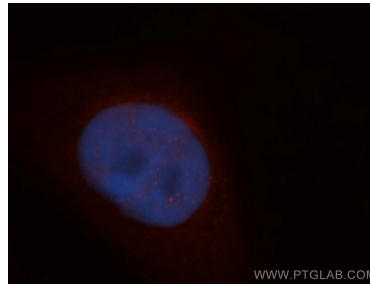
IP Result of anti-ADAR1 (IP:14330-1-AP, 4ug; Detection:14330-1-AP 1:500) with Y79 cells lysate 3000ug.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 14330-1-AP (ADAR1 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 gliomas tissue slide using 14330-1-AP (ADAR1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using ADAR antibody 14330-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).