

ADAR Polyclonal Antibody

Catalog No: tcba11505



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Application:

WB,IHC,IF

Research Area:

RNA Binding Protein(RBP),

Species Reactivity:

Human,Mouse,Rat

Host Species:

Rabbit

Isotype:

IgG

Form:

Liquid

Storage Buffer:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names:

ADAR1;AGS6;DRADA;DSH;DSRAD;G1P1;IFI-4;IFI4;K88DSRBP;P136

SwissProt:

P55265

Gene ID:

103 (human);

Calculated Molecular Weight:

103kDa/131kDa/133kDa/136kDa/140kDa

Purification:

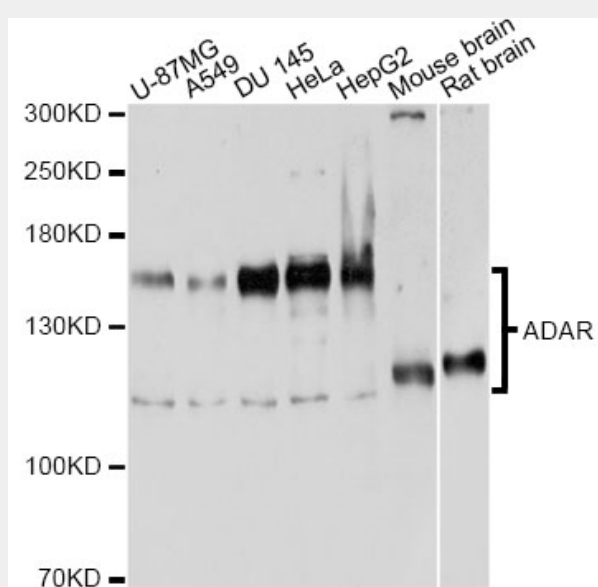
Affinity purification

Cellular Location:

Cytoplasm,Nucleus,Nucleus,nucleolus,

Product Description

This gene encodes the enzyme responsible for RNA editing by site-specific deamination of adenosines. This enzyme destabilizes double-stranded RNA through conversion of adenosine to inosine. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alternative splicing results in multiple transcript variants.



Western blot analysis of extracts of various cell lines, using ADAR antibody at 1:1000 dilution.

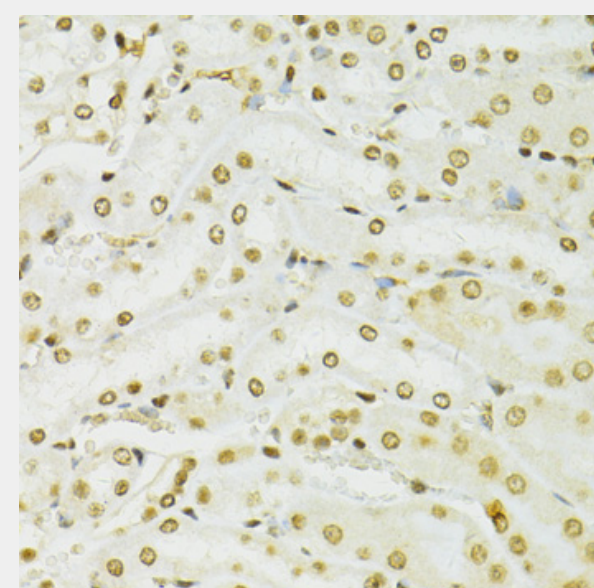
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

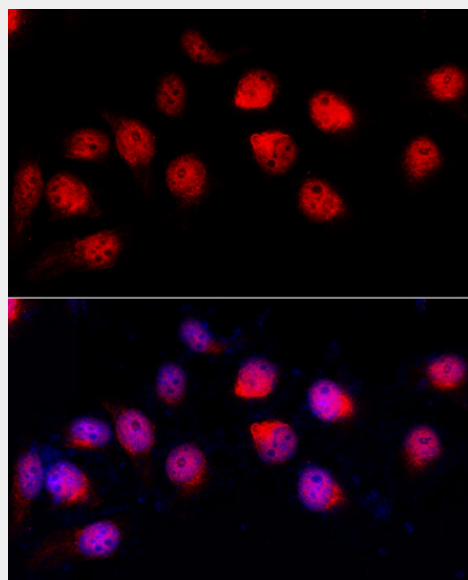
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit.

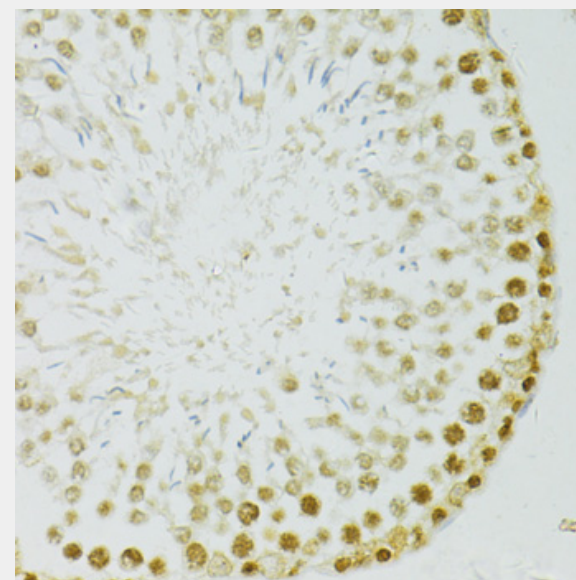
Exposure time: 20s.



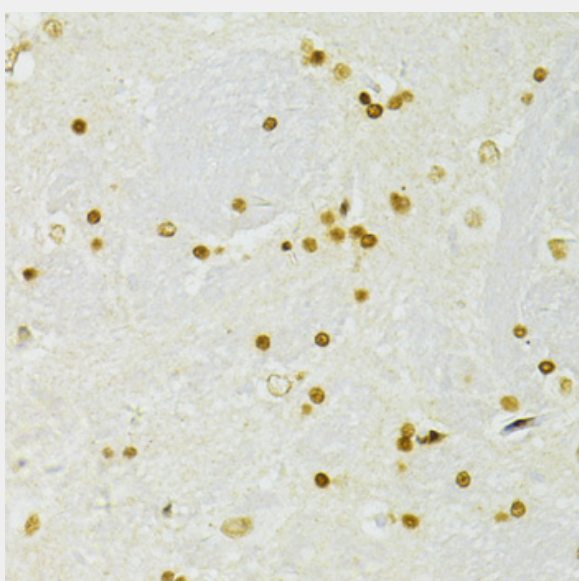
Immunohistochemistry of paraffin-embedded mouse kidney using ADAR antibody at dilution of 1:100 (40x lens).



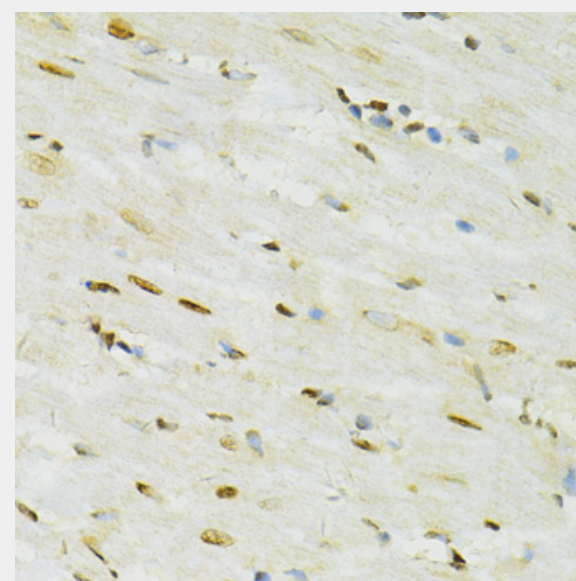
Immunofluorescence analysis of HeLa cells using ADAR antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



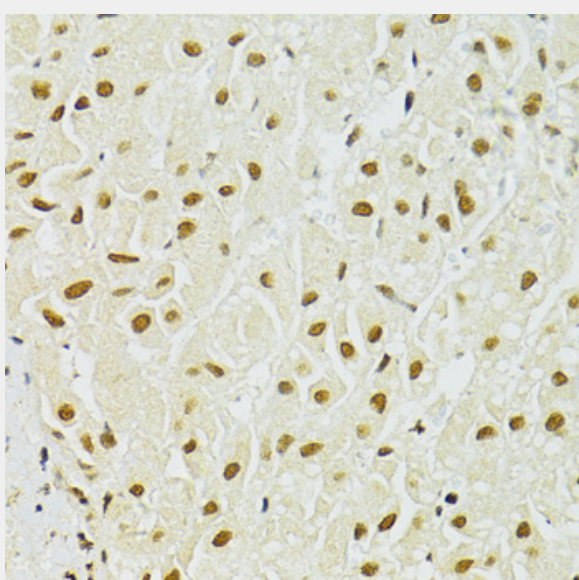
Immunohistochemistry of paraffin-embedded rat testis using ADAR antibody at dilution of 1:100 (40x lens).



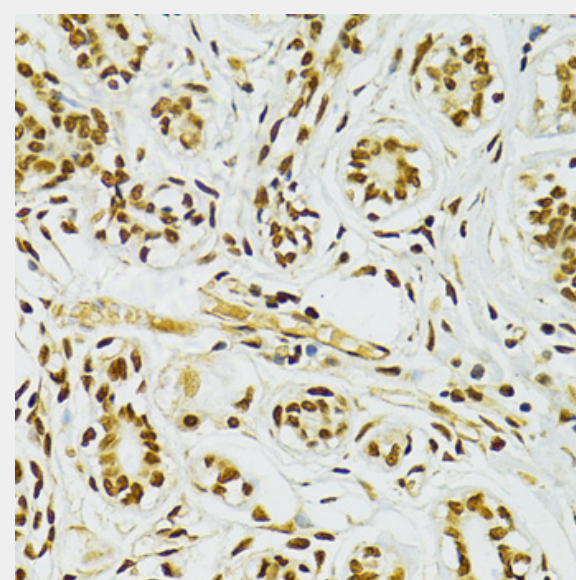
Immunohistochemistry of paraffin-embedded rat brain using ADAR antibody at dilution of 1:100 (40x lens).



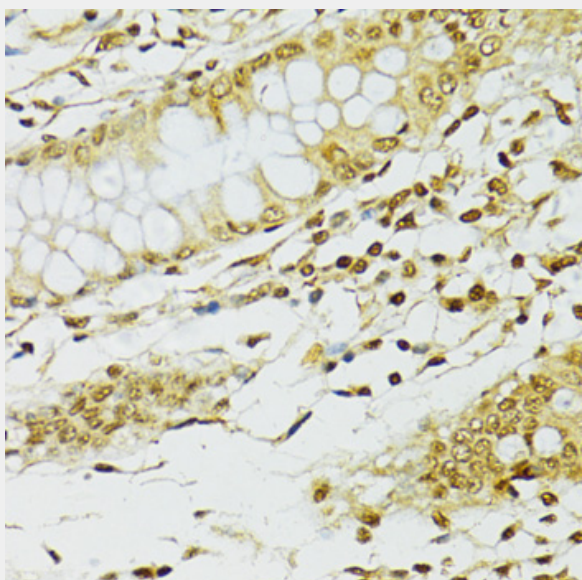
Immunohistochemistry of paraffin-embedded rat heart using ADAR antibody at dilution of 1:100 (40x lens).



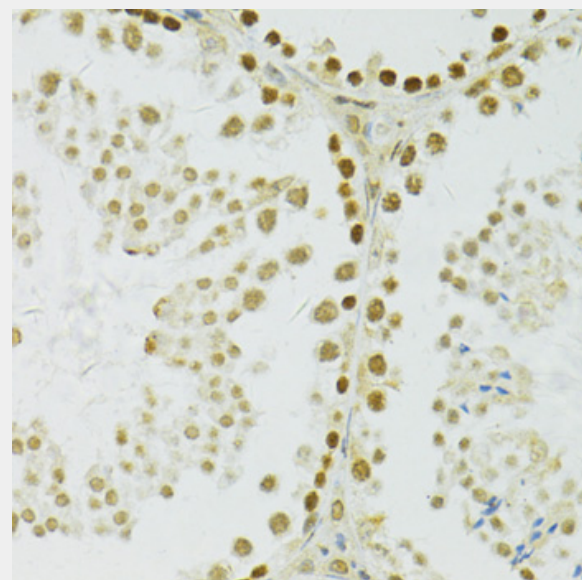
Immunohistochemistry of paraffin-embedded human liver using ADAR antibody at dilution of 1:100 (40x lens).



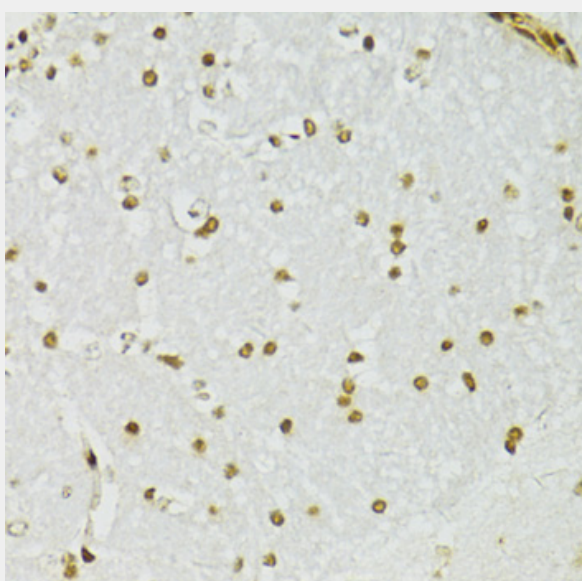
Immunohistochemistry of paraffin-embedded human breast cancer using ADAR antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using ADAR antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using ADAR antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using ADAR antibody at dilution of 1:100 (40x lens).

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!