Rabbit anti-Human ADAR Monoclonal Antibody | anti-ADAR antibody

ADAR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30423	**Rabbit**	**Human**	**Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry**

PRODUCT SYNONYMS

ADAR; Monoclonal Antibody; ADAR Antibody; 136 kDa double-stranded RNA-binding protein antibody; 136kDa double stranded RNA binding protein antibody; Adar 1 antibodyADAR antibody; Adar1 antibody; Adenosine deaminase acting on RNA 1 A antibody; Adenosine deaminase RNA specific 1 antibody; Adenosine deaminase RNA specific antibody; Adenosine deaminase that act on RNA antibody; AGS6 antibody; AV242451 antibody; Double stranded RNA specific adenosine deaminase antibody; Double-stranded RNA-specific adenosine deaminase antibody; Double-stranded RNA-specific editase Adar antibody; DRADA antibody; Dsh antibody; Dsrad antibody; DSRAD_HUMAN antibody; dsRNA adenosine deaminase antibody; EC 3.5.4.- antibody; G1P1 antibody; IFI 4 antibody; IFI-4 antibody; IFI4 antibody; Ifi4 protein antibody; Interferon induced protein 4 antibody; Interferon inducible protein 4 antibody; Interferon-inducible protein 4 antibody; K88DSRBP antibody; mZaADAR antibody; P136 antibody; Pre-mRNA adenosine deaminase antibody; RNA adenosine deaminase 1 antibody; RNA-editing deaminase 1 antibody; RNA-editing enzyme 1 antibody; anti-ADAR antibody

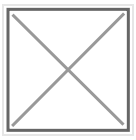
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JU99-33
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ADAR antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

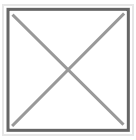
IMAGES

ICC (Immunocytochemistry)
ICC staining ADAR in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

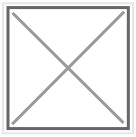
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-ADAR antibody. Counter stained with hematoxylin.



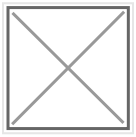
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-ADAR antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-ADAR antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-ADAR antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of ADAR on SiHa cell using anti-ADAR antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ADAR antibody	RNA-specific adenosine deaminase (ADAR1, DSH, IFI4, p136, DRADA, DSRAD, K88dsRBP) mediates RNA editing by destabilizing double stranded RNA through deamination of adenosine to inosine in structured or double-stranded RNAs. ADAR1 is expressed from an interferon-response promoter and has a Z-DNA/Z-RNA binding domain at its N-terminus. ADAR1 co-localizes with SUMO-1 in a subnucleolar region that is distinct from the fibrillar center, the dense fibrillar component and the granular component. Localization of nuclear ADAR1 is under the influence of a nucleolar localization signal (NoLS) in the middle of ADAR1 and the exporting activity of the nuclear exporter signal (NES) near the N terminus. ADAR1 upregulates nuclear factor 90 (NF90)-mediated gene expression by interacting with NF110, NF90 and NF45. ADAR1 binds short interfering RNA (siRNA), and gene silencing by siRNA is significantly more effective in mouse fibroblasts homozygous for an ADAR1 null mutation than in wild-type cells. ADAR1 may limit the efficacy of siRNA in mammalian cells.
Product Categories/Family for anti-ADAR antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	70167113
NCBI GeneID	103
NCBI Accession #	NP_001020278.1
NCBI GenBank Nucleotide #	NM_001025107.2
UniProt Accession #	P55265; O15223; O43859; O43860; Q9BYM3; Q9BYM4; B1AQQ9; B1AQR0; D3DV76
Molecular Weight	136,066 Da
NCBI Official Full Name	double-stranded RNA-specific adenosine deaminase isoform d
NCBI Official Synonym Full Names	adenosine deaminase, RNA-specific
NCBI Official Symbol	ADAR
NCBI Official Synonym Symbols	DSH; AGS6; G1P1; IFI4; P136; ADAR1; DRADA; DSRAD; IFI-4; K88DSRBP
NCBI Protein Information	double-stranded RNA-specific adenosine deaminase; dsRNA adenosine deaminase; interferon-induced protein 4; interferon-inducible protein 4; adenosine deaminase acting on RNA 1-A; 136 kDa double-stranded RNA-binding protein
UniProt Protein Name	Double-stranded RNA-specific adenosine deaminase
UniProt Gene Name	**ADAR**
UniProt Synonym Gene Names	ADAR1; DSRAD; G1P1; IFI4; DRADA; p136; IFI-4
UniProt Entry Name	DSRAD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/adar-antibody-clone-ju99-33-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/30423