

Rabbit ADAR2 Polyclonal Antibody | anti-ADARB1 antibody

Anti-ADAR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105253	Rabbit	Human, Mouse, Rat, Chicken, Zebrafish	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

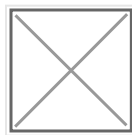
PRODUCT SYNONYMS

ADAR2; Polyclonal Antibody; Anti-ADAR2 Antibody; DRADA2; RED1; Double-stranded RNA-specific editase 1; RNA-editing deaminase 1; RNA-editing enzyme 1; dsRNA adenosine deaminase; anti-ADARB1 antibody

PRODUCT SPECIFICATIONS

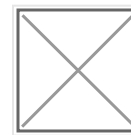
Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ADAR2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	701
Applicable Applications for anti-ADARB1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ADAR2. The exact sequence is proprietary.
Preparation and Storage	Ships on blue ice. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



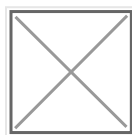
IF (Immunofluorescence)

Immunofluorescent analysis of ADAR2 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of ADAR2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ADAR2 expression in HepG2 (A), MCF7 (B), mouse brain (C), rat brain (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ADARB1 antibody	Rabbit polyclonal antibody to ADAR2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501919
NCBI GeneID	104
NCBI Accession #	NP_001103.1
NCBI GenBank Nucleotide #	NM_001112.3
UniProt Accession #	P78563; O00395; O00465; O00691; O00692; P78555; A6NFK8; A6NJ84; C3TTQ1; C3TTQ2; C9JUP4; G5E9B4
NCBI Official Full Name	double-stranded RNA-specific editase 1 isoform 1
NCBI Official Synonym Full Names	adenosine deaminase, RNA-specific, B1
NCBI Official Symbol	ADARB1
NCBI Official Synonym Symbols	RED1; ADAR2; DRABA2; DRADA2
NCBI Protein Information	double-stranded RNA-specific editase 1; RNA editase; RED1 homolog; RNA-editing enzyme 1; RNA editing deaminase 1; RNA-editing deaminase 1; dsRNA adenosine deaminase DRADA2; adenosine deaminase, RNA-specific, B1 (RED1 homolog rat); adenosine deaminase, RNA-specific, B1 (homolog of rat RED1)
UniProt Protein Name	Double-stranded RNA-specific editase 1
UniProt Gene Name	ADARB1
UniProt Synonym Gene Names	ADAR2; DRADA2; RED1
UniProt Entry Name	RED1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adar2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/105253>