

Rabbit anti-Human ADAR1 Polyclonal Antibody | anti-ADAR1 antibody

Rabbit anti-ADAR1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212345	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

ADAR1; Polyclonal Antibody; Rabbit anti-ADAR1 Antibody; Affinity Purified; dsRNA adenosine deaminase; K88DSRBP; interferon-inducible protein 4; interferon-induced protein 4; IFI-4; IFI4; G1P1; P136; dsRNA adenosine deaminase; DSRAD; DSH; DRADA; double-stranded RNA-specific adenosine deaminase; adenosine deaminase acting on RNA 1-A; 136 kDa double-stranded RNA-binding protein; AGS6; Double-stranded RNA-specific adenosine deaminase; adenosine deaminase; RNA specific; anti-ADAR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ADAR1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 975 and 1025
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human ADAR1 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 ug), HeLa (50 ug), and Jurkat (50ug) cells. Antibodies: Affinity purified rabbit anti-ADAR1 antibody AAA212345 (lot AAA212345-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human ADAR1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-ADAR1 antibody AAA212345 (lot AAA212345-1) used for IP at 6 ug/mg lysate. ADAR1 was also immunoprecipitated by rabbit anti-ADAR1 antibody For blotting immunoprecipitated ADAR1, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human ADAR1 by immunohistochemistry. Samples: FFPE sections of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-ADAR1 Cat. No. Lot1 used at a dilution of 1:1,000 (1ug/ml) (left) and Cat. No. AAA212345 Lot1 used at a dilution of 1:1,000 (1ug/ml) (right). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-ADAR1 antibody	ADAR1 (adenosine deaminase, RNA specific) is an 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 hereditary [taken from NCBI Entrez Gene (Gene ID: 103)].
Product Categories/Family for anti-ADAR1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	103
UniProt Accession #	P55265
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adar1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212345>