

Rabbit ADAR Polyclonal Antibody | anti-ADAR antibody

ADAR antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198122	Rabbit	Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

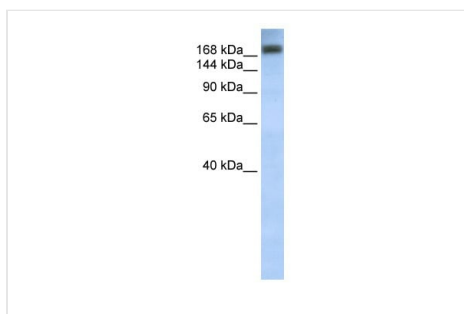
PRODUCT SYNONYMS

ADAR; Polyclonal Antibody; ADAR antibody - C-terminal region; anti-ADAR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RM GFTEVTPVTG ASLRRTMLLL SRSPEAQPKT LPLTGSTFHD QIAMLSHR
Sequence Length	1226
Applicable Applications for anti-ADAR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Guinea Pig: 92%; Horse: 92%; Human: 92%; Mouse: 91%; Rabbit: 92%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ADAR
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

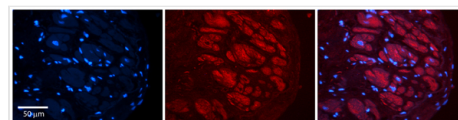
IMAGES



WB (Western Blot)

WB Suggested Anti-ADAR Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:62500 Positive

Control: Human Muscle



IHC (Immunohistochemistry)

Rabbit Anti-ADAR Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working
Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody
Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ADAR antibody	This is a rabbit polyclonal antibody against ADAR. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ADAR is 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-ADAR antibody	Polyclonal; RNA Binding Proteins; Lymphocyte Signaling; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	1388742732
NCBI GeneID	103
NCBI Accession #	NP_001102
NCBI GenBank Nucleotide #	NM_001111
UniProt Accession #	P55265
Molecular Weight	136kDa
NCBI Official Full Name	double-stranded RNA-specific adenosine deaminase isoform a
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
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/adar-antibody-immunohistochemistry-western-blot-elisa/198122>