

Rabbit anti-Human 2-5A-dependent ribonuclease Polyclonal Antibody | anti-RNASEL antibody

Rabbit anti-human 2-5A-dependent ribonuclease polyclonal Antibody

CATALOG # AAA118148	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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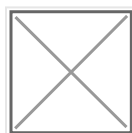
PRODUCT SYNONYMS

2-5A-dependent ribonuclease; Polyclonal Antibody; Rabbit anti-human 2-5A-dependent ribonuclease polyclonal Antibody; 2-5A-dependent RNase; Ribonuclease 4; Ribonuclease L; RNase L; RNASEL; RNS4; anti-RNASEL antibody

PRODUCT SPECIFICATIONS

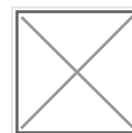
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	741
Applicable Applications for anti-RNASEL antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human 2-5A-dependent ribonuclease protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-22871 / sc-22870 / sc-25798
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA118148 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA118148 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-RNASEL antibody	Endoribonuclease that functions in the interferon (IFN) antiviral response. In INF treated and virus infected cells, RNASEL probably mediates its antiviral effects through a combination of direct cleavage of single-stranded viral RNAs, inhibition of protein synthesis through the degradation of rRNA, induction of apoptosis, and induction of other antiviral genes. RNASEL mediated apoptosis is the result of a JNK-dependent stress-response pathway leading to cytochrome c release from mitochondria and caspase-dependent apoptosis. Therefore, activation of RNASEL could lead to elimination of virus infected cells under some circumstances. Might play a central role in the regulation of mRNA turnover.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10863929
NCBI GeneID	6041
NCBI Accession #	NP_066956.1
NCBI GenBank Nucleotide #	NM_021133.3
UniProt Accession #	Q05823; Q5W0L2; Q6AI46
Molecular Weight	73,416 Da
NCBI Official Full Name	2-5A-dependent ribonuclease
NCBI Official Synonym Full Names	ribonuclease L
NCBI Official Symbol	RNASEL
NCBI Official Synonym Symbols	RNS4; PRCA1
NCBI Protein Information	2-5A-dependent ribonuclease
UniProt Protein Name	2-5A-dependent ribonuclease
UniProt Gene Name	RNASEL
UniProt Synonym Gene Names	RNS4; 2-5A-dependent RNase; RNase L
UniProt Entry Name	RN5A_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/2-5a-dependent-ribonuclease-antibody-immunohistochemistry-elisa/118148>