

Rabbit anti-Mouse Rnasel Polyclonal Antibody | anti-Rnasel antibody

Mouse Rnasel Antibody (N-term)

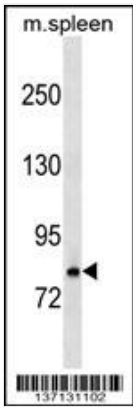
CATALOG # AAA287004	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

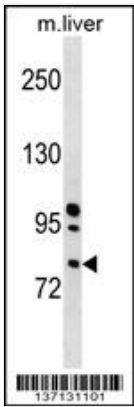
Rnasel; Polyclonal Antibody; Mouse Rnasel Antibody (N-term); 2-5A-dependent ribonuclease; 2-5A-dependent RNase; 3126-; Ribonuclease 4; Ribonuclease L; RNase L; Rns4; anti-Rnasel antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Rnasel antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 140-167 amino acids from the N-terminal region of mouse Rnasel.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	140-167
Sequence Length	735
Applicable Applications for anti-Rnasel antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Mouse Rnasel Antibody (N-term) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the Rnasel antibody detected the Rnasel protein (arrow).



WB (Western Blot)
Mouse Rnasel Antibody (N-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the Mouse Rnasel antibody detected the Mouse Rnasel protein (arrow).

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 (By similarity).
Product Categories/Family for anti-Rnasel antibody	Immunology
References	Ireland, D.D., et al. PLoS Pathog. 5 (10), E1000602 (2009) : Andersen, J.B., et al. RNA Biol 6(3):305-315(2009) Salehzada, T., et al. PLoS ONE 4 (10), E7563 (2009) : Li, X.L., et al. Proc. Natl. Acad. Sci. U.S.A. 105(52):20816-20821(2008) Malathi, K., et al. Nature 448(7155):816-819(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982957
NCBI GeneID	24014
NCBI Accession #	NP_036012.1
NCBI GenBank Nucleotide #	NM_011882.2
UniProt Accession #	Q05921; Q9ERU7
Molecular Weight	83275
NCBI Official Full Name	2-5A-dependent ribonuclease
NCBI Official Synonym Full Names	ribonuclease L (2', 5'-oligoadenylate synthetase-dependent)
NCBI Official Symbol	Rnasel
NCBI Official Synonym Symbols	E230029I04Rik
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_MOUSE

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/rnasel-antibody-western-blot-elisa/287004>