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## anti-RNASEL antibody (N-Term)

2 Images



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Quantity:	400 μL
Target:	RNASEL
Binding Specificity:	AA 140-167, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

#### **Product Details**

Immunogen:	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.
Clone:	RB37131
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### **Target Details**

Target:	RNASEL
Alternative Name:	Rnasel (RNASEL Products)
Background:	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

#### **Target Details**

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).

Molecular Weight: 83275

Gene ID: 24014

NCBI Accession: NP\_036012

UniProt: Q05921

### Application Details

Application Notes: WB: 1:1000. WB: 1:1000

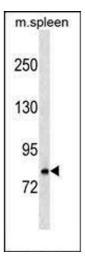
Restrictions: For Research Use only

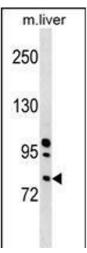
Hepatitis C

#### Handling

Pathways:

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Mouse Rnasel Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.	
Expiry Date:	6 months	





#### **Western Blotting**

**Image 1.** Mouse Rnasel Antibody (N-term) (ABIN1539054 and ABIN2849053) western blot analysis in mouse spleen tissue lysates (35  $\mu$ g/lane). This demonstrates the Rnasel antibody detected the Rnasel protein (arrow).

#### **Western Blotting**

**Image 2.** Mouse Rnasel Antibody (N-term) (ABIN1539054 and ABIN2849053) western blot analysis in mouse liver tissue lysates (35 μg/lane). This demonstrates the Mouse Rnasel antibody detected the Mouse Rnasel protein (arrow).