



## RNase L Antibody

CATALOG NUMBER: 46-735

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:32,000. Western Blot: Approximately 80 kDa band in human spleen lysates after 0.2 ug/mL antibody staining. 3 kDa according to NP_002931.2. The ~80 kDa band was successfully blocked by incubation with the immunizing peptide.
<b>SPECIFICITY:</b>	Reported variants represent identical protein: NP_002931.2 NP_001035809.1
<b>IMMUNOGEN:</b>	RNase L antibody was raised against a 14 amino acid synthetic peptide near the N-Terminus of RNase L.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	RNase L antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	RNase L antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	ABCE1, ATP-binding cassette, sub-family E (OABP), member 1, ABC38, OABP, RLI, RNASEL1, RNASELI, RNS4I, sub-family E, RNase L inhibitor, ribonuclease L (2', 5'-oligoadenylate synthetase-dependent) inhibitor, OK/SW-cl.40
<b>ACCESSION NO.:</b>	NP_002931.2, NP_001035809.1
<b>PROTEIN GI NO.:</b>	108773782
<b>OFFICIAL SYMBOL:</b>	ABCE1
<b>GENE ID:</b>	6059

### Background

<b>REFERENCES:</b>	1) Shichijo S, Ishihara Y, Azuma K, Komatsu N, Higashimoto N, Ito M, Nakamura T, Ueno T, Harada M, Itoh K. ABCE1, a member of ATP-binding cassette transporter gene, encodes peptides capable of inducing HLA-A2-restricted and tumor-reactive cytotoxic T lymphocytes in colon cancer patients. <i>Oncol Rep.</i> 2005 May;13(5):907-13.
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