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Datasheet for ABIN7142133
anti-RNASEL antibody (AA 330-741) (HRP)

Overview

Quantity:	100 µg
Target:	RNASEL
Binding Specificity:	AA 330-741
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNASEL antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human 2-5A-dependent ribonuclease protein (330-741AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

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

Target Details

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.

Aliases: 2' 5A dependent ribonuclease antibody, 2' 5A dependent RNase antibody, 2' 5' oligoisoadenylate synthetase dependent antibody, 2-5A-dependent ribonuclease antibody, 2-5A-dependent RNase antibody, DKFZp781D08126 antibody, Interferon induced 2' 5A dependent RNase antibody, MGC104972 antibody, MGC133329 antibody, PRCA 1 antibody, PRCA1 antibody, Ribonuclease 4 antibody, Ribonuclease L (2' 5' oligoisoadenylate synthetase dependent) antibody, Ribonuclease L antibody, Ribonuclease4 antibody, RibonucleasEL antibody, RN5A_HUMAN antibody, RNase L antibody, Rnasel antibody, RNS 4 antibody, RNS4 antibody

UniProt: [Q05823](#)

Pathways: [Hepatitis C](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.