



Anti-RNASEL (aa 619-728) polyclonal antibody (DPAB-DC2703)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a component of the interferon-regulated 2-5A system that functions in the antiviral and antiproliferative roles of interferons. Mutations in this gene have been associated with predisposition to prostate cancer and this gene is a candidate for the hereditary prostate cancer 1 (HPC1) allele.
Immunogen	RNASEL (NP_066956, 619 a.a. ~ 728 a.a) partial recombinant protein with GST tag. The sequence is QPGPSEHSKSFDKWTTKINECVMMKMNKFYEKRGNFYQNTVGDLLKFIRNLGEHIDECKH KKMKLKIGDPSLYFQKTFPDLVIYVYTKLQNTFYRKHFQTHSPNKPQCD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [RNASEL ribonuclease L \(2,5-oligoadenylate synthetase-dependent\) \[Homo sapiens](#)

[\(human\)\]](#)

Official Symbol	RNASEL
Synonyms	RNASEL; ribonuclease L (2,5-oligoadenylate synthetase-dependent); RNS4; PRCA1; 2-5A-dependent ribonuclease; RNase L; ribonuclease 4; 2-5A-dependent RNase; interferon-induced 2-5A-dependent RNase; 2,5-oligoadenylate synthetase-dependent;
Entrez Gene ID	6041
Protein Refseq	NP_066956
UniProt ID	Q05823
Chromosome Location	1q25
Pathway	Cytokine Signaling in Immune system; Hepatitis C; Herpes simplex infection; Influenza A
Function	ATP binding; RNA binding; endoribonuclease activity; metal ion binding