



RNase Z2 Polyclonal Antibody

Cat No: HR1AP8165

For research use only

Overview

Product Name	RNase Z2 Polyclonal Antibody
Source	Rabbit
Applications	IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GenelD?Human?	ELAC2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ELAC2; HPC2; Zinc phosphodiesterase ELAC protein 2; ElaC homolog protein 2; Heredity prostate cancer protein 2; Ribonuclease Z 2; RNase Z 2; tRNA 3' endonuclease 2; tRNase Z 2
Background	elaC ribonuclease Z 2(ELAC2) Homo sapiens The protein encoded by this gene has a C-terminal domain with tRNA 3′ processing endoribonuclease activity, which catalyzes the removal of the 3' trailer from precursor tRNAs. The protein also interacts with activated Smad family member 2 (Smad2) and its nuclear partner forkhead box H1 (also known as FAST-1), and reduced expression can suppress transforming growth factor-beta induced growth arrest. Mutations in this gene result in an increased risk of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009],