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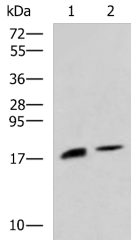
RNASE1 Polyclonal Antibody

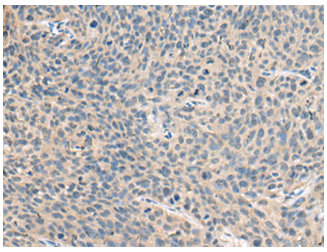
Catalog No.	E-AB-19132	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of Rat pancreas tissue and Mouse pancreas tissue lysates using RNASE1 Polyclonal Antibody at dilution of 1:650



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using RNASE1 Polyclonal Antibody at dilution of 1:50(×200)

Immunogen Information

Immunogen	Fusion protein of human RNASE1
Gene Accession	BC005324
Swissprot	P07998
Synonyms	Ribonuclease A,Ribonuclease a family 1,RNAS1_HUMAN,RNase 1,RNase A,RNase UpI-1,Rnase1,RNAseA

Product Information

Calculated MW	18 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:100, ELISA 1:5000-1:10000

Background

This gene encodes a member of the pancreatic-type of secretory ribonucleases, a subset of the ribonuclease A superfamily. The encoded endonuclease cleaves internal phosphodiester RNA bonds on the 3'-side of pyrimidine bases. It prefers poly(C) as a substrate and hydrolyzes 2',3'-cyclic nucleotides, with a pH optimum near 8.0. The encoded protein is monomeric and more commonly acts to degrade ds-RNA over ss-RNA. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified.