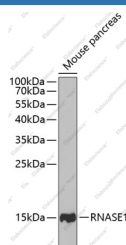


RNASE1 Polyclonal Antibody

catalog number: E-AB-61831

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

Description	
Reactivity	Mouse
Immunogen	Recombinant fusion protein of human RNASE1 (NP_937875.1).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
WB	1:500-1:2000
Data	



Western blot analysis of extracts of Mouse pancreas using RNASE1 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:15 kDa

Calculated-MW:17 kDa

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.

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