

Rabbit Anti-RNASE4 antibody

SL25205R

Product Name RNASE4

Chinese Name 核糖核酸酶 4 抗体

Alias RAB1; Ribonuclease 4; Ribonuclease A B1; Ribonuclease, RNase A family, 4; RNAS4_HUMAN; RNase 4; RNS4.

Research Area Tumour Cardiovascular Cell biology Signal transduction vascular endothelial cell Cytoskeleton Epigenetics

Immunogen Species Rabbit

Clonality Polyclonal

React Species Rat(predicted:Mouse)

IHC-P=1:100-500,IHC-F=1:400-800,IF=1:100-500

Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 14kDa

Cellular localization Secretory protein

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from mouse RNASE4: 91-190/148

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product Detail The protein encoded by this gene belongs to the pancreatic ribonuclease family. It plays an important role in mRNA cleavage and has marked specificity towards the 3' side of uridine

nucleotides. Alternative splicing results in four transcript variants encoding the same protein. This gene and the gene that encodes angiogenin share promoters and 5' exons. Each gene splices to a unique downstream exon that contains its complete coding region. [provided by RefSeq, Aug 2013].

Function:

This RNase has marked specificity towards the 3' side of uridine nucleotides.

Subcellular Location:

Secreted.

Similarity:

Belongs to the pancreatic ribonuclease family.

SWISS:

Q9JJH1

Gene ID:

58809

Database links:

[Entrez Gene: 465205](#) Chimpanzee

[Entrez Gene: 616089](#) Cow

[Entrez Gene: 6038](#) Human

[Entrez Gene: 58809](#) Mouse

[Entrez Gene: 100174757](#) Orangutan

[Entrez Gene: 396976](#) Pig

[Entrez Gene: 56759](#) Rat

[Omim: 601030](#) Human

[SwissProt: Q8HZQ0](#) Chimpanzee

[SwissProt: P15467](#) Cow

[SwissProt: P34096](#) Human

[SwissProt: Q9JJH1](#) Mouse

[SwissProt: Q5NVS4](#) Orangutan

[SwissProt: P15468](#) Pig

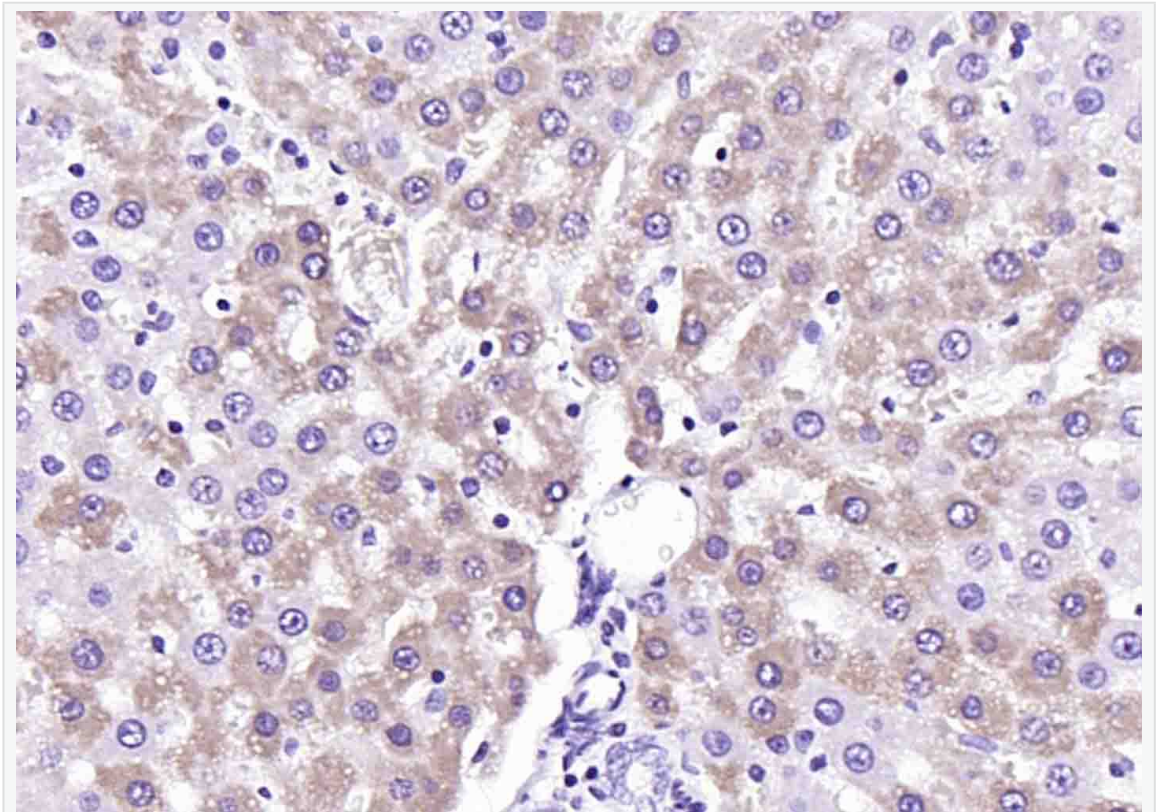
[SwissProt: O55004](#) Rat

[Unigene: 730830](#) Human

[Unigene: 202665](#) Mouse

[Unigene: 1742](#) Rat

**Product
Picture**



Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (RNASE4) Polyclonal Antibody, Unconjugated (SL25205R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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