



Rabbit Anti-RNASE4 antibody

SL6583R

Product Name:	RNASE4
Chinese Name:	血管生成素核糖核酸酶4抗体(肌萎缩性侧索硬化症蛋白)
Alias:	RAB1; Ribonuclease 4; Ribonuclease A B1; Ribonuclease, RNase A family, 4; RNAS4_HUMAN; RNase 4; RNS4.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	14kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RNASE4:51-147/147
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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:

P34096

Gene ID:

6038

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

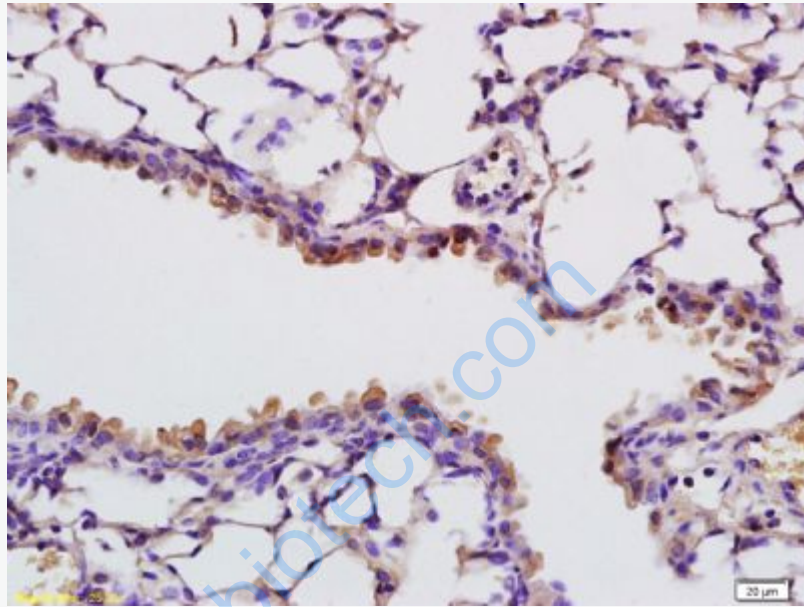
[Unigene: 730830](#)Human

[Unigene: 202665](#)Mouse

[Unigene: 1742](#)Rat

Important Note:

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



Picture:

Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-RNASE4/Angiogenin Polyclonal Antibody,

Unconjugated(SL6583R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining