

RNASE6 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13484b**Specification**

RNASE6 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [O93091](#)**RNASE6 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 6039**Other Names**

Ribonuclease K6, RNase K6, 3127-, RNASE6, RNS6

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13484b was selected from the C-term region of RNASE6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RNASE6 Antibody (C-term) Blocking peptide - Protein Information**Name** RNASE6**Synonyms** RNS6**Function**

Ribonuclease which shows a preference for the pyrimidines uridine and cytosine (PubMed:8836175, PubMed:27013146). Has potent antibacterial activity against a range of Gram-positive and Gram-negative bacteria, including P.aeruginosa, A.baumannii, M.luteus, S.aureus, E.faecalis, E.faecium, S.saprophyticus and E.coli (PubMed:25075772, PubMed:27089320). Causes loss of bacterial membrane integrity, and also promotes agglutination of Gram-negative bacteria (PubMed:27089320). Probably contributes to urinary tract sterility (PubMed:25075772). Bactericidal

activity is independent of RNase activity (PubMed:27089320).

Cellular Location

Secreted. Lysosome. Cytoplasmic granule

Tissue Location

Highly expressed in spleen (at protein level) (PubMed:8836175, PubMed:25075772). Has little or no expression in healthy kidneys (at protein level) (PubMed:25075772). Detected in interstitial leukocytes in infected kidneys (at protein level) (PubMed:25075772). Expressed in ureter where it localizes to urothelial and submucosal leukocytes (at protein level) (PubMed:25075772). Strong expression in lung and thymus, and lower expression in heart, placenta, pancreas, liver, brain and skeletal muscle (PubMed:8836175, PubMed:25075772). Also expressed in monocytes and neutrophils (PubMed:8836175).

RNASE6 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

RNASE6 Antibody (C-term) Blocking peptide - Images**RNASE6 Antibody (C-term) Blocking peptide - Background**

RNASE6 may have a role in host defense.

RNASE6 Antibody (C-term) Blocking peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Cho, S., et al. Genomics 85(2):208-220(2005)Deming, M.S., et al. Genome Res. 8(6):599-607(1998)Rosenberg, H.F., et al. Nucleic Acids Res. 24(18):3507-3513(1996)