

RNASEK Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP5259c**Specification**

RNASEK Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q6P5S7](#)**RNASEK Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 440400**Other Names**

Ribonuclease kappa, RNase K, RNase kappa, 31--, RNASEK

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.

RNASEK Antibody (Center) Blocking Peptide - Protein Information**Name** RNASEK**Function**

Endoribonuclease which preferentially cleaves ApU and ApG phosphodiester bonds. Hydrolyzes UpU bonds at a lower rate (PubMed: [17881363](http://www.uniprot.org/citations/17881363)). Regulates the activity of vacuolar (H⁺)-ATPase (V-ATPase) which is responsible for acidifying and maintaining the pH of intracellular compartments (PubMed: [26212330](http://www.uniprot.org/citations/26212330)). Required at an early stage of receptor-mediated endocytosis (PubMed: [26212330](http://www.uniprot.org/citations/26212330)).

Cellular Location

Endomembrane system; Multi-pass membrane protein. Cytoplasmic vesicle, clathrin-coated vesicle membrane {ECO:0000250|UniProtKB:Q3ZC23}; Multi-pass membrane protein

Tissue Location

Widely expressed..

RNASEK Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RNASEK Antibody (Center) Blocking Peptide - Images

RNASEK Antibody (Center) Blocking Peptide - Background

RNASEK is endoribonuclease which preferentially cleaves ApU and ApG phosphodiester bonds. RNASEK hydrolyzes UpU bonds at a lower rate.

RNASEK Antibody (Center) Blocking Peptide - References

Economopoulou, M.A., et al. Nucleic Acids Res. 35(19):6389-6398(2007)Venter, J.C., et al. Science 291(5507):1304-1351(2001)