

**RNH2C Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9303c****Specification**

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**RNH2C Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q8TDP1](#)**RNH2C Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 84153**Other Names**

Ribonuclease H2 subunit C, RNase H2 subunit C, Aicardi-Goutieres syndrome 3 protein, AGS3, RNase H1 small subunit, Ribonuclease HI subunit C, RNASEH2C, AYP1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9303c](/products/AP9303c) was selected from the Center region of human RNH2C. 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.

**RNH2C Antibody (Center) Blocking Peptide - Protein Information****Name** RNASEH2C**Synonyms** AYP1**Function**

Non catalytic subunit of RNase H2, an endonuclease that specifically degrades the RNA of RNA:DNA hybrids. Participates in DNA replication, possibly by mediating the removal of lagging-strand Okazaki fragment RNA primers during DNA replication. Mediates the excision of single ribonucleotides from DNA:RNA duplexes.

**Cellular Location**

Nucleus.

**Tissue Location**

Widely expressed..

### **RNH2C Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **RNH2C Antibody (Center) Blocking Peptide - Images**

### **RNH2C Antibody (Center) Blocking Peptide - Background**

RNH2C encodes a ribonuclease H subunit that can cleave ribonucleotides from RNA:DNA duplexes.

### **RNH2C Antibody (Center) Blocking Peptide - References**

Chon,H., et.al., Nucleic Acids Res. 37 (1), 96-110 (2009)Rice,G., et.al., Am. J. Hum. Genet. 81 (4), 713-725 (2007)Crow,Y.J., et.al., Nat. Genet. 38 (8), 910-916 (2006)