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

Specification

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 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)