10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RECQL4 Antibody(C-term) Blocking peptide

Synthetic peptide
Catalog # BP19458b

Specification

RECQL4 Antibody(C-term) Blocking peptide - Product Information

Primary Accession O94761

RECQL4 Antibody(C-term) Blocking peptide - Additional Information

Gene ID 9401

Other Names
ATP-dependent DNA helicase Q4, DNA helicase, RecQ-like type 4, RecQ4, RTS, RecQ protein-like 4, RECQL4, RECQ4

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.

RECQL4 Antibody(C-term) Blocking peptide - Protein Information

Name RECQL4

Synonyms RECQ4

Function
DNA-dependent ATPase. May modulate chromosome segregation.

Cellular Location
Cytoplasm. Nucleus

Tissue Location
Ubiquitously expressed, with highest levels in thymus and testis.

RECQL4 Antibody(C-term) Blocking peptide - Protocols

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

- Blocking Peptides

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RECQL4 Antibody(C-term) Blocking peptide - Images

RECQL4 Antibody(C-term) Blocking peptide - Background

The protein encoded by this gene is a DNA helicase thatbelongs to the RecQ helicase family. DNA helicases unwinddouble-stranded DNA into single-stranded DNAs and may modulatechromosome segregation. This gene is predominantly expressed inthymus and testis. Mutations in this gene are associated withRothmund-Thomson, RAPADILINO and Baller-Gerold syndromes. [providedby RefSeq].

RECQL4 Antibody(C-term) Blocking peptide - References

Rossi, M.L., et al. DNA Repair (Amst.) 9(7):796-804(2010)Singh, D.K., et al. Aging Cell 9(3):358-371(2010)Thangavel, S., et al. Mol. Cell. Biol. 30(6):1382-1396(2010)Xu, X., et al. EMBO J. 28(19):3005-3014(2009)Im, J.S., et al. Proc. Natl. Acad. Sci. U.S.A. 106(37):15628-15632(2009)