

REPIN1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9540b**Specification**

REPIN1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9BWE0](#)**REPIN1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 29803**Other Names**

Replication initiator 1, 60 kDa origin-specific DNA-binding protein, 60 kDa replication initiation region protein, ATT-binding protein, DHFR oribeta-binding protein RIP60, Zinc finger protein 464, REPIN1, RIP60, ZNF464

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.

REPIN1 Antibody (C-term) Blocking Peptide - Protein Information**Name** REPIN1**Synonyms** RIP60, ZNF464**Function**

Sequence-specific double-stranded DNA-binding protein required for initiation of chromosomal DNA replication. Binds on 5'- ATT-3' reiterated sequences downstream of the origin of bidirectional replication (OBR) and a second, homologous ATT sequence of opposite orientation situated within the OBR zone. Facilitates DNA bending.

Cellular Location

Nucleus.

REPIN1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

REPIN1 Antibody (C-term) Blocking Peptide - Images

REPIN1 Antibody (C-term) Blocking Peptide - Background

Sequence-specific double-stranded DNA-binding protein required for initiation of chromosomal DNA replication. REPIN1 binds on 5'-ATT-3' reiterated sequences downstream of the origin of bidirectional replication (OBR) and a second, homologous ATT sequence of opposite orientation situated within the OBR zone. It facilitates DNA bending.

REPIN1 Antibody (C-term) Blocking Peptide - References

Lim, M.Y., et al. Proc. Natl. Acad. Sci. U.S.A. 103(35):13074-13079(2006) Montigny, W.J., et al. Nucleic Acids Res. 29(9):1982-1988(2001) Touchens, C.R., et al. Nucleic Acids Res. 28(2):570-581(2000) Astrangelo, I.A., et al. J. Mol. Biol. 232(3):766-778(1993) Addle, M.S., et al. Mol. Cell. Biol. 10(12):6236-6243(1990) Ailey, L., et al. Mol. Cell. Biol. 10(12):6225-6235(1990)