

TIPIN Antibody(N-term) Blocking peptide
Synthetic peptide
Catalog # BP19596a**Specification****TIPIN Antibody(N-term) Blocking peptide -
Product Information**Primary Accession [Q9BVW5](#)**TIPIN Antibody(N-term) Blocking peptide -
Additional Information**

Gene ID 54962

Other Names

TIMELESS-interacting protein, TIPIN

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.

**TIPIN Antibody(N-term) Blocking peptide -
Protein Information**

Name TIPIN

Function

Plays an important role in the control of DNA replication and the maintenance of replication fork stability. Important for cell survival after DNA damage or replication stress. May be specifically required for the ATR-CHEK1 pathway in the replication checkpoint induced by hydroxyurea or ultraviolet light. Forms a complex with TIMELESS and this complex regulates DNA replication processes under both normal and stress conditions, stabilizes replication

**TIPIN Antibody(N-term) Blocking peptide -
Background**

Required for normal progression of S-phase. Important for cell survival after DNA damage or replication stress. May be specifically required for the ATR-CHK1 pathway in the replication checkpoint induced by hydroxyurea or ultraviolet light.

**TIPIN Antibody(N-term) Blocking peptide -
References**

Kemp, M.G., et al. J. Biol. Chem. 285(22):16562-16571(2010) Leman, A.R., et al. J. Cell. Sci. 123 (PT 5), 660-670 (2010) :Utge, S.J., et al. PLoS ONE 5 (2), E9259 (2010) :Unsal-Kacmaz, K., et al. Mol. Cell. Biol. 27(8):3131-3142(2007) Gotter, A.L., et al. J. Mol. Biol. 366(1):36-52(2007)

forks and influences both CHEK1 phosphorylation and the intra-S phase checkpoint in response to genotoxic stress.

Cellular Location

Cytoplasm. Nucleus

**TIPIN Antibody(N-term) Blocking peptide -
Protocols**

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

- [Blocking Peptides](#)