

Mouse Tlk1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17323b**Specification**

Mouse Tlk1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8C0V0](#)**Mouse Tlk1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 228012**Other Names**

Serine/threonine-protein kinase tousled-like 1, Tousled-like kinase 1, Tlk1

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.

Mouse Tlk1 Antibody (C-term) Blocking Peptide - Protein Information**Name** Tlk1**Function**

Rapidly and transiently inhibited by phosphorylation following the generation of DNA double-stranded breaks during S-phase. This is cell cycle checkpoint and ATM-pathway dependent and appears to regulate processes involved in chromatin assembly (By similarity). Isoform 3 protects the cells from the ionizing radiation by facilitating the repair of DSBs. In vitro, phosphorylates histone H3 at 'Ser-10' (By similarity).

Cellular Location

Nucleus.

Tissue Location

Ubiquitously expressed in all tissues examined.

Mouse Tlk1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Tlk1 Antibody (C-term) Blocking Peptide - Images**Mouse Tlk1 Antibody (C-term) Blocking Peptide - Background**

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Mouse Tlk1 Antibody (C-term) Blocking Peptide - References

Canfield, C., et al. BMC Mol. Biol. 10, 110 (2009) :Taniwaki, T., et al. Dev. Growth Differ. 47(3):163-172(2005)Sunavala-Dossabhoy, G., et al. BMC Mol. Biol. 6, 19 (2005) :Cobellis, G., et al. Nucleic Acids Res. 33 (4), E44 (2005) :Okazaki, N., et al. DNA Res. 11(3):205-218(2004)