

**Mouse Tik1 Antibody (C-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP17323b

**Specification**

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**Mouse Tik1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q8C0V0](#)

**Mouse Tik1 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 228012

**Other Names**

Serine/threonine-protein kinase tousled-like 1, Tousled-like kinase 1, Tik1

**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 Tik1 Antibody (C-term) Blocking Peptide - Protein Information**

Name Tik1

**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 Tik1 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)