

**BTG4 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18501b****Specification**

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**BTG4 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9NY30](#)**BTG4 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 54766**Other Names**

Protein BTG4, BTG family member 4, Protein PC3b, BTG4, PC3B

**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.

**BTG4 Antibody (C-term) Blocking Peptide - Protein Information****Name** BTG4**Synonyms** PC3B**Function**Adapter protein that bridges CNOT7, a catalytic subunit of the CCR4-NOT complex, to EIF4E (By similarity). Facilitates maternal mRNAs decay during the maturation of oocytes and in the fertilized egg, and is required for the maternal-zygotic transition (MZT), zygotic cleavage and initiation of embryonic development (PubMed: <http://www.uniprot.org/citations/32502391> target="\_blank">32502391</a>).**Tissue Location**

Expressed in oocytes after germinal vesicle breakdown (PubMed:32502391). Expressed in testis and in olfactory epithelium.

**BTG4 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **BTG4 Antibody (C-term) Blocking Peptide - Images**

#### **BTG4 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is a member of the BTG/Tob family. This family has structurally related proteins that appear to have antiproliferative properties. This encoded protein can induce G1 arrest in the cell cycle.

#### **BTG4 Antibody (C-term) Blocking Peptide - References**

Xu, Y., et al. Int. J. Cancer (2010) In press : Dong, W., et al. Biochem. Biophys. Res. Commun. 387(1):132-138(2009) Toyota, M., et al. Cancer Res. 68(11):4123-4132(2008) Auer, R.L., et al. Genes Chromosomes Cancer 43(1):1-10(2005) Yoshida, Y., et al. Jpn. J. Cancer Res. 92(6):592-596(2001)