

**BTG2 Antibody (N-term) Blocking peptide**  
Synthetic peptide  
Catalog # BP10121a**Specification**

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**BTG2 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [P78543](#)  
Other Accession [NP\\_006754.1](#)

**BTG2 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 7832

**Other Names**

Protein BTG2, BTG family member 2, NGF-inducible anti-proliferative protein PC3, BTG2, PC3

**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.

**BTG2 Antibody (N-term) Blocking peptide - Protein Information**

**Name** BTG2

**Synonyms** PC3

**Function**

Anti-proliferative protein; the function is mediated by association with deadenylase subunits of the CCR4-NOT complex. Activates mRNA deadenylation in a CNOT6 and CNOT7-dependent manner. In vitro can inhibit deadenylase activity of CNOT7 and CNOT8. Involved in cell cycle regulation. Could be involved in the growth arrest and differentiation of the neuronal precursors (By similarity). Modulates transcription regulation mediated by ESR1. Involved in mitochondrial depolarization and neurite outgrowth.

**BTG2 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**BTG2 Antibody (N-term) Blocking peptide - Images**

### **BTG2 Antibody (N-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 is involved in the regulation of the G1/S transition of the cell cycle.

### **BTG2 Antibody (N-term) Blocking peptide - References**

Zhang, L., et al. Mol. Biol. Rep. 37(6):2579-2586(2010) Mollerstrom, E., et al. BMC Cancer 10, 296 (2010) ; Park, T.J., et al. Exp. Cell Res. 315(18):3152-3162(2009) Liu, M., et al. Cell Res. 19(7):828-837(2009) Farioli-Vecchioli, S., et al. PLoS ONE 4 (12), E8339 (2009) :