

**BTF3 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11100a****Specification**

---

**BTF3 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [P20290](#)**BTF3 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 689**Other Names**

Transcription factor BTF3, Nascent polypeptide-associated complex subunit beta, NAC-beta, RNA polymerase B transcription factor 3, BTF3, NACB

**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.

**BTF3 Antibody (N-term) Blocking peptide - Protein Information****Name** BTF3**Synonyms** NACB**Function**

When associated with NACA, prevents inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). Binds to nascent polypeptide chains as they emerge from the ribosome and blocks their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. BTF3 is also a general transcription factor that can form a stable complex with RNA polymerase II. Required for the initiation of transcription.

**Cellular Location**

Cytoplasm. Nucleus. Note=The heterodimer with NACA is cytoplasmic

**BTF3 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **BTF3 Antibody (N-term) Blocking peptide - Images**

#### **BTF3 Antibody (N-term) Blocking peptide - Background**

This gene encodes the basic transcription factor 3. This protein forms a stable complex with RNA polymerase IIB and is required for transcriptional initiation. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene has multiple pseudogenes.

#### **BTF3 Antibody (N-term) Blocking peptide - References**

Green, C.D., et al. Mol. Cancer Res. 5(11):1191-1200(2007) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Kusumawidjaja, G., et al. Cancer Biol. Ther. 6(3):367-376(2007) Freire, M.A. Gene 345(2):271-277(2005) Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001)