

BTF3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP7291b**Specification**

BTF3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P20290](#)**BTF3 Antibody (C-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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7291b](/product/products/AP7291b) was selected from the C-term region of human BTF3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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 (C-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 (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BTF3 Antibody (C-term) Blocking Peptide - Images**BTF3 Antibody (C-term) Blocking Peptide - Background**

Basic transcription factor 3 (BTF3) forms a stable complex with RNA polymerase IIB and is required for transcriptional initiation.

BTF3 Antibody (C-term) Blocking Peptide - References

Green, C.D., Mol. Cancer Res. 5 (11), 1191-1200 (2007) Kanno M., Gene
117:219-228 (1992) Kusumawidjaja, G., Cancer Biol. Ther. 6 (3), 367-376 (2007)