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BTF3 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP7291b

Specification

BTF3 Antibody (C-term) Blocking Peptide - Product Information

Primary 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 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

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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)