

**BT3A2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9675b****Specification**

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**BT3A2 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P78410](#)

**BT3A2 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 11118

**Other Names**

Butyrophilin subfamily 3 member A2, BTN3A2, BT32, BTF3, BTF4

**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.

**BT3A2 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** BTN3A2

**Synonyms** BT3.2, BTF3, BTF4

**Function**

Plays a role in T-cell responses in the adaptive immune response. Inhibits the release of IFNG from activated T-cells.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

Detected in T-cells and natural killer cells.

**BT3A2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**BT3A2 Antibody (C-term) Blocking Peptide - Images****BT3A2 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a member of the immunoglobulin superfamily, containing two Ig domains with similarity to Ig variable and Ig constant domains. The gene resides in the juxta-telomeric region of the major histocompatibility class 1 locus on chromosome 6 in the seven member BTN cluster, which includes butyrophilin, and three members each of the BTN2 and BTN3 subfamilies.

**BT3A2 Antibody (C-term) Blocking Peptide - References**

Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009) Shi, J., et al. Nature 460(7256):753-757(2009) Viken, M.K., et al. Genes Immun. 10(4):323-333(2009) Mungall, A.J., et al. Nature 425(6960):805-811(2003) Rhodes, D.A., et al. Genomics 71(3):351-362(2001)