

BTN3A3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17634a**Specification**

BTN3A3 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O00478
Other Accession	P78410 , O00481 , NP_932078.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	65002
Antigen Region	67-96

BTN3A3 Antibody (N-term) - Additional Information**Gene ID** 10384**Other Names**

Butyrophilin subfamily 3 member A3, BTN3A3, BTF3

Target/Specificity

This BTN3A3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 67-96 amino acids from the N-terminal region of human BTN3A3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

BTN3A3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

BTN3A3 Antibody (N-term) - Protein Information**Name** BTN3A3**Synonyms** BTF3

Function Plays a role in T-cell responses in the adaptive immune response.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

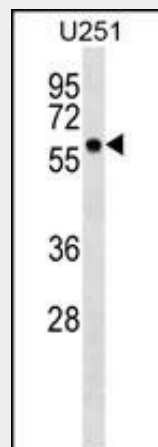
Detected in peripheral blood mononuclear cells and in T-cells (at protein level). Detected in spleen and lymphocytes

BTN3A3 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BTN3A3 Antibody (N-term) - Images



BTN3A3 Antibody (N-term) (Cat. #AP17634a) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the BTN3A3 antibody detected the BTN3A3 protein (arrow).

BTN3A3 Antibody (N-term) - Background

The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin (Ig) domains and an intracellular B30.2 (PRYSPRY) domain. Three subfamilies of human BTN genes are located in the MHC class I region: the single-copy BTN1A1 gene (MIM 601610) and the BTN2 (e.g., BTN2A1; MIM 613590) and BTN3 (e.g., BNT3A3) genes, which have undergone tandem duplication, resulting in 3 copies of each (summary by Smith et al., 2010 [PubMed 20208008]). [supplied by OMIM].

BTN3A3 Antibody (N-term) - References

Smith, I.A., et al. J. Immunol. 184(7):3514-3525(2010)
Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)
Rhodes, D.A., et al. Genomics 71(3):351-362(2001)
Henry, J., et al. Immunol. Today 20(6):285-288(1999)
Ruddy, D.A., et al. Genome Res. 7(5):441-456(1997)