

## Datasheet for ABIN635808 **anti-BTN1A1 antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	BTN1A1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTN1A1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	BTN1 A1 antibody was raised using the N terminal of BTN1 1 corresponding to a region with amino acids LPCRLSPNASAEHLELRWFRKKVSPAFLVHRDGREQAEQMPEYRGRATL
Specificity:	BTN1 A1 antibody was raised against the N terminal of BTN1 1
Purification:	Affinity purified

#### Target Details

Target:	BTN1A1
Alternative Name:	BTN1A1 ( <a href="#">BTN1A1 Products</a> )
Background:	Butyrophilin is the major protein associated with fat droplets in the milk. It is a member of the immunoglobulin superfamily. It may have a cell surface receptor function. The human butyrophilin gene is localized in the major histocompatibility complex (MHC) class I region of 6p

## Target Details

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and may have arisen relatively recently in evolution by the shuffling of exons between 2 ancestral gene families. Butyrophilin is the major protein associated with fat droplets in the milk. It is a member of the immunoglobulin superfamily. It may have a cell surface receptor function. The human butyrophilin gene is localized in the major histocompatibility complex (MHC) class I region of 6p and may have arisen relatively recently in evolution by the shuffling of exons between 2 ancestral gene families.

Molecular Weight: 56 kDa (MW of target protein)

Pathways: [Activated T Cell Proliferation](#)

## Application Details

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Application Notes: WB: 0.25 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: BTN1A1 Blocking Peptide, catalog no. 33R-5259, is also available for use as a blocking control in assays to test for specificity of this BTN1A1 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of BTN0 1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** BTN1A1 antibody used at 0.25 ug/ml to detect target protein.