

Datasheet for ABIN657422
anti-BTN3A1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	BTN3A1
Binding Specificity:	AA 345-374, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTN3A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This BTN3A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 345-374 amino acids from the C-terminal region of human BTN3A1.
Clone:	RB33424
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BTN3A1
Alternative Name:	BTN3A1 (BTN3A1 Products)
Background:	The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-

Target Details

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., BNT3A1) genes, which have undergone tandem duplication, resulting in 3 copies of each (summary by Smith et al., 2010 [PubMed 20208008]).[supplied by OMIM].

Molecular Weight: 57677

Gene ID: 11119

NCBI Accession: [NP_001138480](#), [NP_001138481](#), [NP_008979](#), [NP_919423](#)

UniProt: [O00481](#)

Pathways: [Activated T Cell Proliferation](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

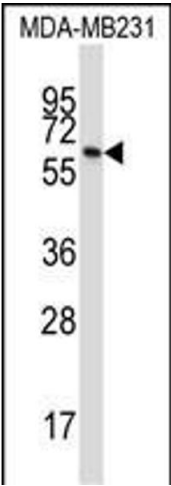
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: BTN3A1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. BTN3A1 Antibody (C-term) (ABIN657422 and ABIN2846459) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the BTN3A1 antibody detected the BTN3A1 protein (arrow).