

BTN3A1

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 58kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human BTN3A1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BT5; BT3.1; CD277; BTN3.1;

Catalog #: A10288

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 11119

Isotype: IgG

Swiss Prot: O00481

Purity: Affinity purification

For research use only.

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., BNT3A1) genes, which have undergone tandem duplication, resulting in 3 copies of each (summary by Smith et al., 2010)

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