

BTN2A1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16288b

Product Information

Application	WB, E
Primary Accession	Q7KYR7
Other Accession	NP_008980.1
Reactivity	Human
Predicted	Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35613
Calculated MW	59633
Antigen Region	344-373

Additional Information

Gene ID	11120
Other Names	Butyrophilin subfamily 2 member A1, BTN2A1, BT21, BTF1
Target/Specificity	This BTN2A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 344-373 amino acids from the C-terminal region of human BTN2A1.
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	BTN2A1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BTN2A1
Synonyms	BT2.1, BTF1
Cellular Location	Membrane; Single-pass type I membrane protein

Tissue Location

Highly expressed in brain, bone marrow, small intestine, muscle, spleen and pancreas. Moderate expression was seen in lung, liver and kidney.

Background

BTN2A1 is a member of the BTN2 subfamily of genes, which encode proteins belonging to the butyrophilin protein family. The gene is located in a cluster on chromosome 6, consisting of seven genes belonging to the expanding B7/butyrophilin-like group, a subset of the immunoglobulin gene superfamily. The encoded protein is an integral plasma membrane B box protein involved in lipid, fatty-acid and sterol metabolism. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

References

Benyamin, B., et al. Am. J. Hum. Genet. 84(1):60-65(2009)

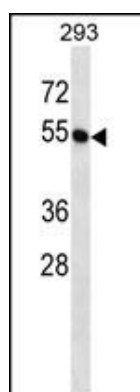
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Lamesch, P., et al. Genomics 89(3):307-315(2007)

Mungall, A.J., et al. Nature 425(6960):805-811(2003)

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Images



BTN2A1 Antibody (C-term) (Cat. #AP16288b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the BTN2A1 antibody detected the BTN2A1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.