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BTN2A1 Rabbit pAb

Catalog # AP97640

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q7KYR7
Other Accession	Q7KYR7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59633
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BTN2A1
Epitope Specificity	101-200/527
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SIMILARITY	Belongs to the immunoglobulin superfamily. BTN/MOG family. Contains 1 B30.2/SPRY domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the immunoglobulin superfamily. The gene is located in a cluster of butyrophilin-like genes in the juxta-telomeric region of the major histocompatibility complex on chromosome 6. A pseudogene of this gene has been identified in this cluster. The encoded protein is an integral plasma membrane protein involved in lipid, fatty-acid, and sterol metabolism. Alterations in this gene may be associated with several disease states including metabolic syndrome. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2013]

Additional Information

Gene ID	11120
Other Names	BK14H9.1; BT2.1; BTF1; BTN2.1; DJ3E1.1; BT2A1_HUMAN; BTN2A1; butyrophilin subfamily 2 member A1; butyrophilin, subfamily 2, member A1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=3 □g/Test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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