

A14142

Leader in Biomolecular Solutions for Life Science



BTNL2 Rabbit pAb

Catalog No.: A14142

Basic Information

Observed MW

Refer to figures

Calculated MW

50kDa

Category

Polyclonal Antibody

Applications

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a major histocompatibility complex, class II associated, type I transmembrane protein which belongs to the butyrophilin-like B7 family of immunoregulators. It is thought to be involved in immune surveillance, serving as a negative T-cell regulator by decreasing T-cell proliferation and cytokine release. The encoded protein contains an N-terminal signal peptide, two pairs of immunoglobulin-like domains, separated by a heptad peptide sequence, and a C-terminal transmembrane domain. Naturally occurring mutations in this gene are associated with sarcoidosis, rheumatoid arthritis, ulcerative colitis, inflammatory bowel disease, myositis, type 1 diabetes, systemic lupus erythematosus, acute coronary syndrome, and prostate cancer.

Recommended Dilutions

Immunogen Information

Gene ID

56244

Swiss Prot

Q9UIR0

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 246-455 of human BTNL2 (NP_062548.1).

Synonyms

SS2; BTN7; BTL-II; HSBLMHC1; BTNL2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.