

anti-Human, Mouse BTNL2 Polyclonal Antibody | anti-BTNL2 antibody

BTNL2

CATALOG # AAA279487	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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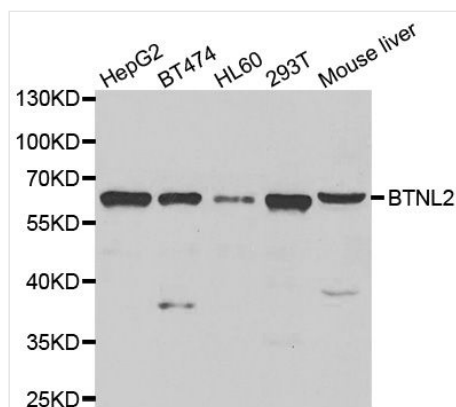
PRODUCT SYNONYMS

BTNL2; Polyclonal Antibody; BTL-II; BTN7; HSBLMHC1; SS2; anti-BTNL2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	455
Applicable Applications for anti-BTNL2 antibody	WB (Western Blot)
Source	Rabbit
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 246-455 of human BTNL2 (NP_062548.1)
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using BTNL2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-BTNL2 antibody	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.
Product Categories/Family for anti-BTNL2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	9624969
NCBI GeneID	56244
NCBI Accession #	NP_062548.1
NCBI GenBank Nucleotide #	NM_019602.1
Molecular Weight	Calculated MW: 19kDa/27kDa/28kDa/30kDa/43kDa/50kDa Observed MW: 60 kDa
NCBI Official Full Name	butyrophilin-like protein 2
NCBI Official Synonym Full Names	butyrophilin-like 2 (MHC class II associated)
NCBI Official Symbol	BTNL2
NCBI Official Synonym Symbols	SS2; BTN7; BTL-II; HSBLMHC1
NCBI Protein Information	butyrophilin-like protein 2
UniProt Protein Name	Butyrophilin-like protein 2
UniProt Gene Name	BTNL2
UniProt Synonym Gene Names	BTL-II
UniProt Entry Name	BTNL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/btnl2-antibody-western-blot-elisa/279487>