

Rabbit anti-Human BTLA Polyclonal Antibody | anti-BTLA antibody

BTLA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40608	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

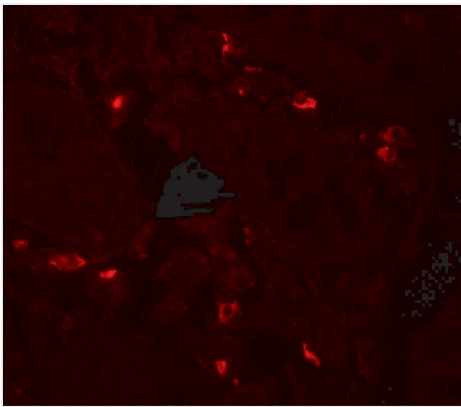
PRODUCT SYNONYMS

BTLA; Polyclonal Antibody; BTLA Antibody; BTLA Antibody : BTLA1; CD272; B- and T-lymphocyte attenuator; B- and T-lymphocyte-associated protein; B and T lymphocyte associated; anti-BTLA antibody

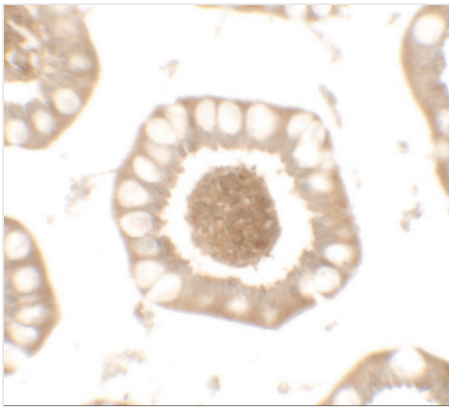
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	BTLA antibody is human specific. At least two isoforms of BTLA are known to exist.
Purity/Purification	BTLA Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	289
Applicable Applications for anti-BTLA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BTLA antibody was raised against a 17 amino acid peptide near the center of human BTLA.
Buffer	BTLA Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BTLA antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

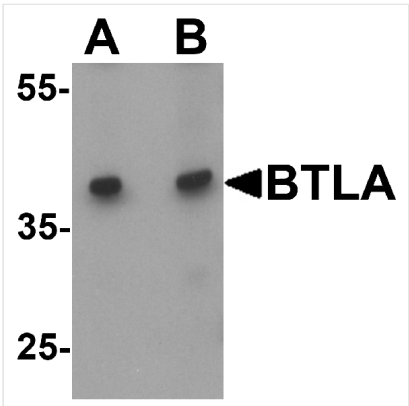
IMAGES



IF (Immunofluorescence)
Immunofluorescence of BTLA in human small intestine tissue with BTLA antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of BTLA in human small intestine tissue with BTLA antibody at 2.5 μ g/mL.



WB (Western Blot)
Western blot analysis of BTLA in Jurkat cell lysate at (A) 1 and (B) 2 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BTLA antibody	The B- and T-lymphocyte attenuator (BTLA) protein is a member of the immunoglobulin superfamily containing a single immunoglobulin (Ig) domain (1). Like other cohibitory receptors such as CTLA-4 and PD-1, BTLA functions as a receptor that relays inhibitory signals to suppress the immune response, and can inhibit LPS-induced endotoxic shock by suppressing TLR4 signaling in innate immune cells (1,2). Polymorphisms in this gene have also been associated with an increased risk of rheumatoid arthritis (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145580621
NCBI GeneID	151888
NCBI Accession #	NP_861445
NCBI GenBank Nucleotide #	NM_181780.3
UniProt Accession #	Q7Z6A9; Q3B831; Q3HS85; Q6ZNH9
Molecular Weight	Predicted: 32 kDa Observed: 40kDa
NCBI Official Full Name	B- and T-lymphocyte attenuator isoform 1
NCBI Official Synonym Full Names	B and T lymphocyte associated

NCBI Official Symbol	BTLA
NCBI Official Synonym Symbols	BTLA1; CD272
NCBI Protein Information	B- and T-lymphocyte attenuator; B and T lymphocyte attenuator; B- and T-lymphocyte-associated protein
UniProt Protein Name	B- and T-lymphocyte attenuator
UniProt Gene Name	BTLA
UniProt Entry Name	BTLA_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/btla-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40608>