

LTB4R2 / BLT2 Polyclonal Antibody | anti-LTB4R2 antibody

Rabbit Polyclonal to Human LTB4R2 / BLT2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52264	LTB4R2 / BLT2 antibody was produced in Rabbit	Human Predicted Reactivity: Monkey, Hamster	Immunohistochemistry

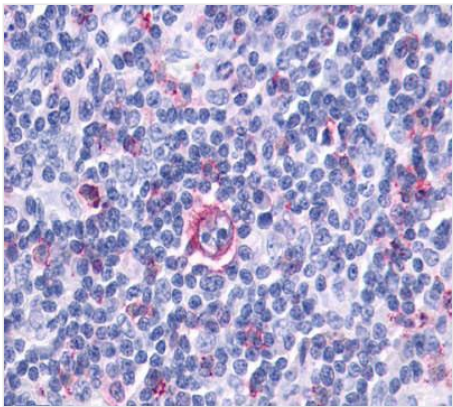
PRODUCT SYNONYMS

LTB4R2 / BLT2; Polyclonal Antibody; Rabbit Polyclonal to Human LTB4R2 / BLT2; Anti-LTB4R2 / BLT2 Antibody (C-Terminus) IHC-plus; LTB4R2; BLT2; BLTR2; Blt-2; BLT2R; JULF2; LTB4-R2; Hblt2; KPG_004; Leukotriene B4 receptor 2; Leukotriene B4 receptor BLT2; LTB4 receptor JULF2; LTB4-R 2; Human LTB4R2; anti-LTB4R2 antibody

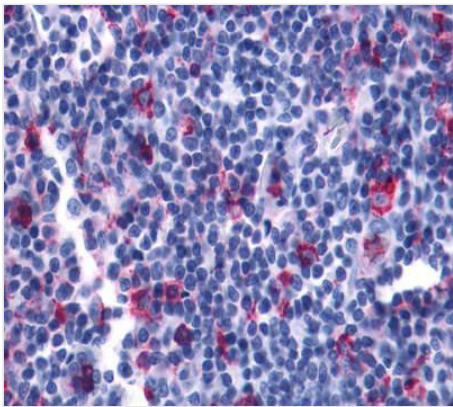
PRODUCT SPECIFICATIONS

Host	LTB4R2 / BLT2 antibody was produced in Rabbit
Reactivity	Human Predicted Reactivity: Monkey, Hamster
Clonality	Polyclonal
Specificity	Human LTB4R2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-LTB4R2 antibody	IHC (Immunohistochemistry)
Target	LTB4R2 / BLT2
Family	GPCR / Chemoattract
Immunogen Species	LTB4R2 / BLT antibody was raised against Human
Antigen Type	Synthetic peptide
Immunogen	Synthetic 17 amino acid peptide from C-Terminus of human LTB4R2. Percent identity with other species by BLAST analysis: Human, Gorilla, Marmoset (100%); Monkey, Hamster (94%); Mouse, Rat (88%); Panda (82%).
Epitope	C-Terminus
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

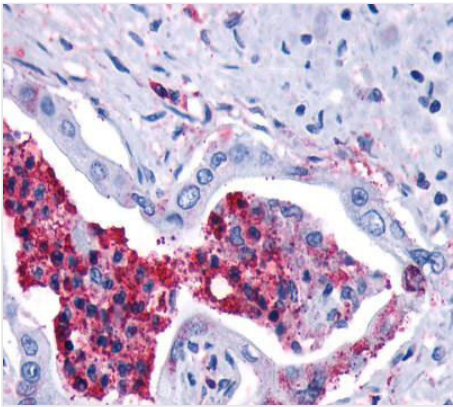
Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Preparation and Storage
	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.



IHC (Immunohistochemisry)
Anti-LTB4R2 / BLT2 antibody IHC of human Lymph Node, Hodgkins Lymphoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohiostchemistry)
Anti-LTB4R2 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-LTB4R2 / BLT2 antibody IHC of human Pancreas, Carcinoma and Leukocytes.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-LTB4R2 antibody	BLTR2 is a Chemoattractant Receptor that causes LTB4-induced chemotaxis, calcium mobilization, and inhibition of adenylyl cyclase. Portions of the coding regions of BLTR2 have been duplicated and are part of the 5' UTR noncoding regions of the clusters LS190955 (BLT1) and LS54843 (CIDE-B) on chromosome 14.
Product Categories/Family for anti-LTB4R2 antibody	Family: GPCR ; Subfamily: Chemoattractant

NCBI AND UNIPROT INFORMATION

NCBI GI #	291042665
NCBI GeneID	56413
NCBI Accession #	NP_062813.2
NCBI GenBank Nucleotide #	NM_019839.4
UniProt Accession #	Q9NPC1 ; Q5KU28 ; Q9NPE5
NCBI Official Full Name	leukotriene B4 receptor 2
NCBI Official Synonym Full Names	leukotriene B4 receptor 2

NCBI Official Symbol	LTB4R2
NCBI Official Synonym Symbols	BLT2; NOP9; BLTR2; JULF2; KPG_004; LTB4-R2; LTB4-R 2
NCBI Protein Information	leukotriene B4 receptor 2; LTB4 receptor JULF2; leukotriene B4 receptor BLT2; seven transmembrane receptor BLTR2
UniProt Protein Name	Leukotriene B4 receptor 2
UniProt Gene Name	LTB4R2
UniProt Synonym Gene Names	BLT2R; BLTR2; LTB4-R 2; LTB4-R2
UniProt Entry Name	LT4R2_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://www.aaabiotech.com/polyclonal/tb4r2-blt2-antibody-immunohistochemistry-elisa/52264>