

Rabbit LTB4R2 / BLT2 Polyclonal Antibody | anti-LTB4R2 antibody

Rabbit Polyclonal to Human LTB4R2 / BLT2

CATALOG # AAA51166	HOST Rabbit	REACTIVITY Gorilla, Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

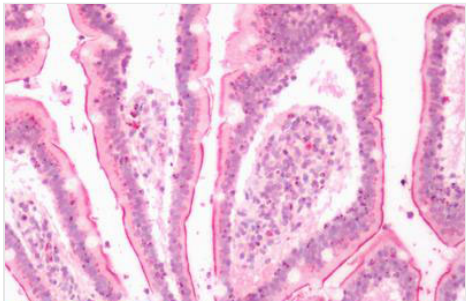
LTB4R2 / BLT2; Polyclonal Antibody; Rabbit Polyclonal to Human LTB4R2 / BLT2; Anti-LTB4R2 / BLT2 Antibody (N-Terminus) IHC-plus; LTB4R2; BLT2; BLTR2; Blt-2; BLT2R; JULF2; LTB4-R2; Hblt2; KPG_004; Leukotriene B4 receptor 2; Leukotriene B4 receptor BLT2; LTB4 receptor JULF2; LTB4-R 2; Human LTB4R2; anti-LTB4R2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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human
Clonality	Polyclonal
Specificity	Human LTB4R2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except PPM2C (47%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	358
Applicable Applications for anti-LTB4R2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Family/Subfamily	GPCR/ Chemoattractant
Immunogen Type	Synthetic peptide
Immunogen	LTB4R2 / BLT2 antibody was raised against synthetic 19 amino acid peptide from N-terminal extracellular domain of human LTB4R2. Percent identity with other species by BLAST analysis: Human, Gorilla (100%).
Epitope	N-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 Apply coverslip
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

IMAGES



IHC (Immunohistochemistry)
Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Product Categories/Family for anti-LTB4R2 antibody	Family: GPCR; Subfamily: Chemoattractant
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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/ltb4r2-blt2-antibody-immunohistochemistry-elisa/51166>