Rabbit Leukotriene B4 Receptor / BLT1 Polyclonal Antibody | anti-LTB4R antibody

Rabbit Polyclonal to Human Leukotriene B4 Receptor / BLT1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51986	**Rabbit**	**Gibbon, Gorilla, Human, Monkey**	**Immunohistochemistry**

PRODUCT SYNONYMS

Leukotriene B4 Receptor / BLT1; Polyclonal Antibody; Rabbit Polyclonal to Human Leukotriene B4 Receptor / BLT1; Anti-Leukotriene B4 Receptor / BLT1 Antibody (C-Terminus) IHC-plus; BLT; BLTR; Blt-1; Chemokine receptor-like 1; G protein-coupled receptor 16; GPR16; Leukotriene B4 receptor; Leukotriene B4 receptor 1; G-protein coupled receptor 16; LTBR1; p2Y purinoceptor 7; p2Y7; LTB4-R 1; p2RY7; CMKRL1; LTB4-R1; LTB4R1; Human Leukotriene B4 Receptor; BLT1; anti-LTB4R antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Monkey
Clonality	Polyclonal
Specificity	Human Leukotriene B4 Receptor. 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)
Sequence Length	352
Applicable Applications for anti-LTB4R antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from C-terminus of human Leukotriene B4 Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%); Marmoset, Mouse, Rat, Horse, Opossum (88%).
Immunogen Type	Synthetic peptide
Immunogen	Leukotriene B4 Receptor / BLT1 antibody was raised against synthetic 16 amino acid peptide from C-terminus of human Leukotriene B4 Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%); Marmoset, Mouse, Rat, Horse, Opossum (88%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES

IHC (Immunohiostchemistry)
Anti-Leukotriene B4 Receptor / BLT1 antibody IHC of human Lymph Node, Hodgkins Lymphoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

IHC (Immunohistochemistry)
Anti-Leukotriene B4 Receptor antibody IHC of human spleen, red pulp. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-LTB4R antibody	BLT1 is a Chemoattractant Receptor that binds the potent chemoattractant leukotriene B4 (LTB4) which is involved in defense against infection. Leukotriene B4 also activates the transcription factor PPAR alpha, resulting in the activation of genes that terminate inflammatory processes (Yokomizo et al., 1997). Although BLT1 shows homology to other P2Y receptors, it does not function as a purinoreceptor (Yokomizo et al., 1997).
Product Categories/Family for anti-LTB4R antibody	Family: GPCR; Subfamily: Chemoattractant

NCBI AND UNIPROT INFORMATION

NCBI GI #	221218998
NCBI GeneID	1241
NCBI Accession #	NP_001137391.1
NCBI GenBank Nucleotide #	NM_001143919.2
UniProt Accession #	Q15722; Q13305; Q53XV5; Q92641; Q9BSU5
Molecular Weight	37,557 Da
NCBI Official Full Name	leukotriene B4 receptor 1
NCBI Official Synonym Full Names	leukotriene B4 receptor
NCBI Official Symbol	LTB4R
NCBI Official Synonym Symbols	BLT1; BLTR; P2Y7; GPR16; LTBR1; P2RY7; CMKRL1; LTB4R1
NCBI Protein Information	leukotriene B4 receptor 1; LTB4-R1; LTB4-R 1; P2Y purinoceptor 7; chemokine receptor-like 1; G protein-coupled receptor 16; G-protein coupled receptor 16; chemoattractant receptor-like 1; purinergic receptor P2Y, G-protein coupled, 7
UniProt Protein Name	Leukotriene B4 receptor 1
UniProt Gene Name	**LTB4R**
UniProt Synonym Gene Names	BLT; BLT1; BLTR; CMKRL1; GPR16; P2RY7; LTB4-R 1; LTB4-R1; P2Y7
UniProt Entry Name	LT4R1_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/leukotriene-b4-receptor-blt1-antibody-immunohistochemistry-elisa/51986