

SP4637P**Polyclonal Antibody to LTB4R / BLTR (1st Cytopl. Dom.) - Aff - Purified**

Alternate names:	BLT, BLT1, CMKRL1, Chemoattractant receptor-like 1, G-protein coupled receptor 16, GPR16, LTB4-R 1, Leukotriene B4 receptor 1, P2RY7, P2Y purinoceptor 7, P2Y7
Quantity:	50 µg
Concentration:	1.0 mg/ml
Background:	<p>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. Although BLT1 shows homology to other P2Y receptors, it does not function as a purinoreceptor.</p> <p>BLTR has been reported in blood, bone marrow, brain, heart, liver, and skeletal muscle. In addition, BLTR1 has been shown to be highly expressed in leukocytes and lymphoid tissues such as spleen, thymus, and lymph node. ESTs have been isolated from B-cell/lung/testis, breast, colon, eye, kidney, skin, spleen, testis, and tonsil libraries.</p>
Uniprot ID:	Q15722
NCBI:	NP_001137391.1
GenelD:	1241
Host:	Rabbit
Immunogen:	<p>Synthetic 20 amino acid peptide from 1st cytoplasmic domain of human Leukotriene B4 receptor 1 / BLTR</p> <p>Genename: LTB4R</p> <p>Remarks: Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%); Rat, Rabbit (95%); Monkey, Mouse, Hamster (90%)</p>
Format:	<p>State: Liquid Ig fraction</p> <p>Purification: Peptide immunogen affinity column</p> <p>Buffer System: PBS containing 0.09% Sodium azide</p>
Applications:	<p>Immunohistochemistry on Paraffin Sections: 20 µg/ml.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	This antibody detects 1st cytoplasmic domain of human Leukotriene B4 receptor 1 / BLTR.
Species Reactivity:	Tested: Human, Gorilla, Gibbon, Marmoset, Rat, Rabbit, Monkey, Mouse, Hamster
Storage:	<p>Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C to -70°C for longer.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p>

Pictures:

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

