



## Rabbit Anti-LTB4-R1 antibody

SL2654R

<b>Product Name:</b>	LTB4-R1
<b>Chinese Name:</b>	白三烯B4受体1抗体
<b>Alias:</b>	Leukotriene B4 receptor 1; Leukotriene B4 receptor; BLT; BLT1; BLTR; Chemokine receptor like 1; CMKRL1; G protein coupled receptor 16; GPR16; Leukotriene B4 G Protein coupled receptor; LTB4 R 1; LTB4R 1; LTB4R; LTBR1; P2RY7; P2Y purinoceptor 7; P2Y7; Purinergic receptor P2Y G protein coupled 7; LT4R1_HUMAN; LTB4-R 1; LTB4-R1; Chemoattractant receptor-like 1; G-protein coupled receptor 16; P2Y purinoceptor 7; P2Y7.
<b>文献引用</b> PubMed :	<p><b>Specific References(2)</b> SL2654R has been referenced in 2 publications.</p> <p><b>[IF=0.00]</b>Wculek, S. Pre-metastatic neutrophils directly support highly tumourigenic breast cancer cells during lung metastasis via a leukotriene-ERK1/2 axis. Diss. UCL (University College London), 2016.<b>FCM;Mouse.</b>  <a href="#">PubMed:000</a></p> <p><b>[IF=4.57]</b>Zinn, Sebastian, et al. "The leukotriene B4 receptors BLT1 and BLT2 form an antagonistic sensitizing system in peripheral sensory neurons." Journal of Biological Chemistry (2017): jbc-M116.<b>IHC-F;Mouse.</b>  <a href="#">PubMed:28242764</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Guinea Pig,
<b>Applications:</b>	ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	39kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid

<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LTB4-R1:101-200/352<Cytoplasmic>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>Leukotriene B4 Receptor is a member of the GPCR family (subfamily:chemoattractant). It is a receptor for leukotriene B4, a potent chemoattractant involved in inflammation and immune response. It has been reported in blood, bone marrow, brain, heart, liver, and skeletal muscle. In addition, it 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> <p><b>Function:</b> Receptor for extracellular ATP, UTP and ADP. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. May be the cardiac P2Y receptor involved in the regulation of cardiac muscle contraction through modulation of L-type calcium currents. Is a receptor for leukotriene B4, a potent chemoattractant involved in inflammation and immune response.</p> <p><b>Subcellular Location:</b> Cell membrane; Multi-pass membrane protein.</p> <p><b>Tissue Specificity:</b> Expressed at highest levels in heart, skeletal muscle and at lower levels in brain and liver. High level of expression in lymphoid tissues.</p> <p><b>Post-translational modifications:</b> Phosphorylated by GRK6 upon leukotriene B4 binding; which promotes desensitization.</p> <p><b>Similarity:</b> Belongs to the G-protein coupled receptor 1 family.</p> <p><b>SWISS:</b> Q15722</p> <p><b>Gene ID:</b> 1241</p> <p><b>Database links:</b></p>

[Entrez Gene: 1241](#)Human

[Oimim: 601531](#)Human

[SwissProt: Q15722](#)Human

[Unigene: 567248](#)Human

[Unigene: 727320](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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