




Rabbit Anti-LTB4-R2 antibody

SL2655R

Product Name:	LTB4-R2
Chinese Name:	白三烯B4受体2抗体
Alias:	BLT2R; JULF2; Leukotriene B4 receptor 2; Leukotriene B4 receptor BLT2; LT4R2_HUMAN; LTB4 receptor JULF2; LTB4-R 2; LTB4-R2; LTB4R2; Seven transmembrane receptor BLTR2.
文献引用 	<p>Specific References(2) SL2655R has been referenced in 2 publications.</p> <p>[IF=0.00]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.FCM;Mouse.</p> <p>PubMed:000</p> <p>[IF=4.57]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.IHC-F;Mouse.</p> <p>PubMed:28242764</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Guinea Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	41kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml

immunogen:	KLH conjugated synthetic peptide derived from human LTB4-R2:25-120/389<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	<p>Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.</p> <p>Function: Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.</p> <p>Subcellular Location: Cell membrane; Multi-pass membrane protein.</p> <p>Tissue Specificity: Widely expressed.</p> <p>Similarity: Belongs to the G-protein coupled receptor 1 family.</p> <p>SWISS: Q9NPC1</p> <p>Gene ID: 56413</p> <p>Database links:</p> <p>Entrez Gene: 56413Human</p> <p>Entrez Gene: 57260Mouse</p> <p>Omim: 605773Human</p> <p>SwissProt: Q9NPC1Human</p> <p>SwissProt: Q9JL9Mouse</p>

[Unigene: 642693](#)Human

[Unigene: 657595](#)Human

[Unigene: 159670](#)Mouse

[Unigene: 485286](#)Mouse

Important Note:

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

白三烯B4受体2是白三烯B4受体的新亚型, 在炎症、免疫系统疾病和变态反应、包括一些Tumour中发挥着重要作用。

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