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LTB4R antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10194

Product Information

Application	WB
Primary Accession	Q15722
Other Accession	NM_181657, NP_858043
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37557

Additional Information

Gene ID	1241
Alias Symbol	BLT1, BLTR, CMKRL1, GPR16, LTB4R1, LTBR1, P2RY7, P2Y7
Other Names	Leukotriene B4 receptor 1, LTB4-R 1, LTB4-R1, Chemoattractant receptor-like 1, G-protein coupled receptor 16, P2Y purinoceptor 7, P2Y7, LTB4R, BLT, BLT1, BLTR, CMKRL1, GPR16, P2RY7
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-LTB4R antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	LTB4R antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LTB4R
Synonyms	BLT, BLT1, BLTR, CMKRL1, GPR16, P2RY7
Function	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.

Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Expressed at highest levels in heart, skeletal muscle and at lower levels in brain and liver. High level of expression in lymphoid tissues

Images

