

Anti-LTB4R Rabbit Monoclonal Antibody

Catalog # ABO16144

Product Information

Application	WB, IHC
Primary Accession	Q15722
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-LTB4R Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Additional Information

Gene ID	1241
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
Calculated MW	37557
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 27L23
Immunogen	A synthesized peptide derived from human LTB4R
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

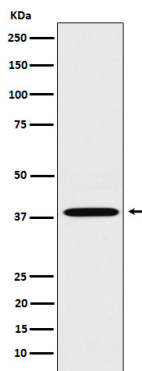
Cellular Location

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



Western blot analysis of LTB4R expression in A549 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.