

Anti-LT4R1 antibody



Description	Unconjugated Rabbit polyclonal to LT4R1
Model	STJ192664
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	1241
Gene Symbol	LTB4R
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	LT4R1 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed at highest levels in heart, skeletal muscle and at lower levels in brain and liver. High level of expression in lymphoid tissues.
Purification	LT4R1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Leukotriene B4 receptor 1 LTB4-R 1 LTB4-R1 Chemoattractant receptor-like 1 G-protein coupled receptor 16 P2Y purinoceptor 7 P2Y7
Molecular Weight	38 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6713OMIM:601531
Alternative Names	Leukotriene B4 receptor 1 LTB4-R 1 LTB4-R1 Chemoattractant receptor-like 1 G-protein coupled receptor 16 P2Y purinoceptor 7 P2Y7
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 Localization	Cell membrane. Multi-pass membrane protein.
Post-translational Modifications	Phosphorylated by GRK6 upon leukotriene B4 binding; which promotes desensitization.

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