

Leukotriene B4 Receptor / BLT1 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS14611**Specification**

Leukotriene B4 Receptor / BLT1 Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q15722
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A

Leukotriene B4 Receptor / BLT1 Antibody - 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

Target/Specificity

portion of amino acids 1-50 from human BLT1

Reconstitution & Storage

Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions

Leukotriene B4 Receptor / BLT1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Leukotriene B4 Receptor / BLT1 Antibody - 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.

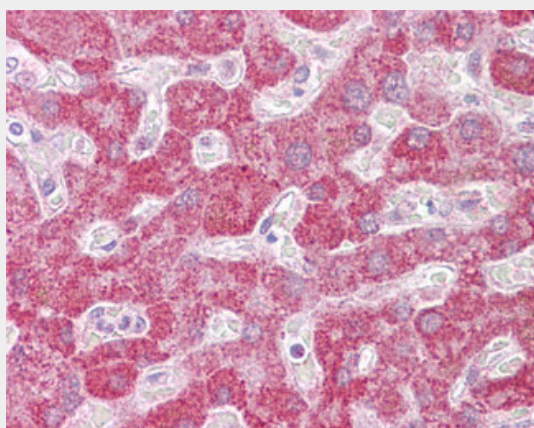
Tissue Location

Expressed at highest levels in heart, skeletal muscle and at lower levels in brain and liver. High level of expression in lymphoid tissues

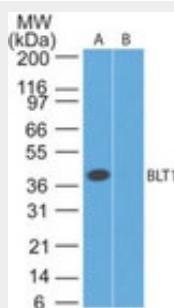
Leukotriene B4 Receptor / BLT1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Leukotriene B4 Receptor / BLT1 Antibody - Images

Anti-Leukotriene B4 Receptor antibody IHC of human liver.



Western blot of BLT1 antibody.

Leukotriene B4 Receptor / BLT1 Antibody - Background

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.

Leukotriene B4 Receptor / BLT1 Antibody - References

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Yokomizo T.,et al.Nature 387:620-624(1997).
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