

LTB4R2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16128B**Specification**

LTB4R2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9NPC1
Other Accession	NP_001158164.1 , NP_062813.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	37942
Antigen Region	333-361

LTB4R2 Antibody (C-term) - Additional Information**Gene ID** 56413**Other Names**

Leukotriene B4 receptor 2, LTB4-R 2, LTB4-R2, LTB4 receptor JULF2, Leukotriene B4 receptor BLT2, Seven transmembrane receptor BLTR2, LTB4R2, BLT2R, BLTR2

Target/Specificity

This LTB4R2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 333-361 amino acids from the C-terminal region of human LTB4R2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LTB4R2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LTB4R2 Antibody (C-term) - Protein Information**Name** LTB4R2

Synonyms BLT2R, BLTR2

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.

Cellular Location

Cell membrane; Multi-pass membrane protein.

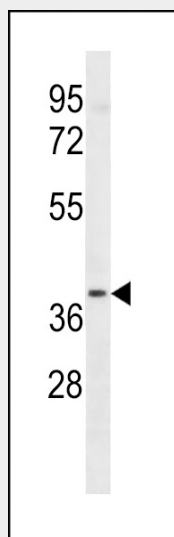
Tissue Location

Widely expressed.

LTB4R2 Antibody (C-term) - 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](#)

LTB4R2 Antibody (C-term) - Images

LTB4R2 Antibody (C-term) (Cat. #AP16128b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the LTB4R2 antibody detected the LTB4R2 protein (arrow).

LTB4R2 Antibody (C-term) - Background

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.

LTB4R2 Antibody (C-term) - References

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Ryu, H.C., et al. J. Invest. Dermatol. 130(4):1095-1106(2010)
Choi, J.A., et al. Carcinogenesis 31(4):543-551(2010)
Cho, K.J., et al. Am. J. Respir. Cell Mol. Biol. 42(3):294-303(2010)
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