

LTB4-R2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58043

Specification

LTB4-R2 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession <u>O9NPC1</u>

Reactivity
Host
Clonality
Polyclonal
Calculated MW
Rat, Pig, Dog, Bovine
Rabbit
Polyclonal

Calculated MW

Physical State

Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human LTB4-R2

Epitope Specificity 25-120/389

Isotype Purity

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cell membrane; Multi-pass membrane

protein.

SIMILARITY Belongs to the G-protein coupled receptor

1 family.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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.

LTB4-R2 Polyclonal Antibody - 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

Widely expressed.

Dilution

WB~~1:1000<br \> <span class
="dilution_UHC_B">UHC_B--N/A<br \> <span class</pre>

="dilution_IHC-P">IHC-P~~N/A<br \><span class



="dilution_IHC-F">IHC-F~~N/A<br \> < span class = "dilution IF">IF~~1:50~200 < br \> < span class = "dilution E">E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

LTB4-R2 Polyclonal Antibody - 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.

LTB4-R2 Polyclonal 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 Cytomety
- Cell Culture

LTB4-R2 Polyclonal Antibody - Images