

**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	<a href="#">Q9NPC1</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LTB4-R2
Epitope Specificity	25-120/389
Isotype	IgG
<b>Purity</b>	
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  
IHC-P~N/A

="dilution\_IHC-F">IHC-F~N/A</span><br \><span class  
="dilution\_IF">IF~1:50~200</span><br \><span class ="dilution\_E">E~N/A</span></p>
</div>
<div data-bbox="76 133 151 146" data-label="Section-Header>
<b>Format</b>
</div>
<div data-bbox="76 146 600 162" data-label="Text>
<p>0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce</p>
</div>
<div data-bbox="76 177 157 191" data-label="Section-Header>
<b>Storage</b>
</div>
<div data-bbox="76 190 906 220" data-label="Text>
<p>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.</p>
</div>
<div data-bbox="76 255 553 270" data-label="Section-Header>
<b>LTB4-R2 Polyclonal Antibody - Protein Information</b>
</div>
<div data-bbox="76 291 205 306" data-label="Text>
<p><b>Name</b> LTB4R2</p>
</div>
<div data-bbox="76 319 301 336" data-label="Text>
<p><b>Synonyms</b> BLT2R, BLTR2</p>
</div>
<div data-bbox="76 349 165 363" data-label="Section-Header>
<b>Function</b>
</div>
<div data-bbox="76 362 851 420" data-label="Text>
<p>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.</p>
</div>
<div data-bbox="76 434 240 448" data-label="Section-Header>
<b>Cellular Location</b>
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<div data-bbox="76 447 474 463" data-label="Text>
<p>Cell membrane; Multi-pass membrane protein.</p>
</div>
<div data-bbox="76 477 229 491" data-label="Section-Header>
<b>Tissue Location</b>
</div>
<div data-bbox="76 490 235 506" data-label="Text>
<p>Widely expressed.</p>
</div>
<div data-bbox="71 543 452 559" data-label="Section-Header>
<b>LTB4-R2 Polyclonal Antibody - Protocols</b>
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<div data-bbox="71 571 825 588" data-label="Text>
<p>Provided below are standard protocols that you may find useful for product applications.</p>
</div>
<div data-bbox="88 602 302 721" data-label="List-Group>
<ul>
<li>• <a href="#">Western Blot</a>
</li>
<li>• <a href="#">Blocking Peptides</a>
</li>
<li>• <a href="#">Dot Blot</a>
</li>
<li>• <a href="#">Immunohistochemistry</a>
</li>
<li>• <a href="#">Immunofluorescence</a>
</li>
<li>• <a href="#">Immunoprecipitation</a>
</li>
<li>• <a href="#">Flow Cytometry</a>
</li>
<li>• <a href="#">Cell Culture</a>
</li>
</ul>
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<div data-bbox="71 721 433 736" data-label="Section-Header>
<b>LTB4-R2 Polyclonal Antibody - Images</b>
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<div data-bbox="438 956 499 971" data-label="Page-Footer">
<p>Page 2/2</p>
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