

**FPRL1 (aa13-26) Antibody (N-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2781a****Specification**

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**FPRL1 (aa13-26) Antibody (N-Term) - Product Information**

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Application       | E                                                  |
| Primary Accession | <a href="#">P25090</a>                             |
| Other Accession   | <a href="#">NP_001453.1</a> , <a href="#">2358</a> |
| Predicted         | Human                                              |
| Host              | Goat                                               |
| Clonality         | Polyclonal                                         |
| Concentration     | 0.5 mg/ml                                          |
| Isotype           | IgG                                                |
| Calculated MW     | 38964                                              |

**FPRL1 (aa13-26) Antibody (N-Term) - Additional Information****Gene ID** 2358**Other Names**

N-formyl peptide receptor 2, FMLP-related receptor I, FMLP-R-I, Formyl peptide receptor-like 1, HM63, Lipoxin A4 receptor, LXA4 receptor, RFP, FPR2, FPRH1, FPRL1, LXA4R

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

FPRL1 (aa13-26) Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**FPRL1 (aa13-26) Antibody (N-Term) - Protein Information****Name** FPR2**Synonyms** FPRH1, FPRL1, LXA4R**Function**

Low affinity receptor for N-formyl-methionyl peptides, which are powerful neutrophil chemotactic factors (PubMed:<<http://www.uniprot.org/citations/1374236>>1374236</a>). Binding of FMLP to the receptor causes activation of neutrophils (PubMed:<<http://www.uniprot.org/citations/1374236>>1374236</a>). This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second

messenger system (PubMed:<a href="http://www.uniprot.org/citations/1374236" target="\_blank">1374236</a>). The activation of LXA4R could result in an anti- inflammatory outcome counteracting the actions of pro-inflammatory signals such as LTB4 (leukotriene B4) (PubMed:<a href="http://www.uniprot.org/citations/9547339" target="\_blank">9547339</a>). Receptor for the chemokine-like protein FAM19A5, mediating FAM19A5-stimulated macrophage chemotaxis and the inhibitory effect on TNFSF11/RANKL- induced osteoclast differentiation (By similarity). Acts as a receptor for humanin (PubMed:<a href="http://www.uniprot.org/citations/15465011" target="\_blank">15465011</a>).

#### **Cellular Location**

Cell membrane; Multi-pass membrane protein Note=Associates with Amyloid-beta protein 42, product of APP, at the cell surface and the complex is then rapidly internalized (PubMed:11689470). Also internalized in the presence of humanin (PubMed:15465011).

#### **Tissue Location**

Detected in lung, bone marrow, neutrophils, spleen and testis.

### **FPRL1 (aa13-26) Antibody (N-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](#)

### **FPRL1 (aa13-26) Antibody (N-Term) - Images**

### **FPRL1 (aa13-26) Antibody (N-Term) - Background**

Reported variants represent identical protein: NP\_001005738.1 and NP\_001453.1.

### **FPRL1 (aa13-26) Antibody (N-Term) - References**

The Lipoxin A4 receptor is coupled to SHP-2 activation: implications for regulation of receptor tyrosine kinases. Mitchell D, O'Meara SJ, Gaffney A, Crean JK, Kinsella BT, Godson C. J Biol Chem. 2007 May 25;282(21):15606-18. Epub 2007 Apr 2. PMID: 17403678