

FPRL1 (aa328-339) Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2464a**Specification**

FPRL1 (aa328-339) Antibody (C-Term) - Product Information

Application	E
Primary Accession	P25090
Other Accession	NP_001005738.1 , NP_001453.1 , 2358
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	38964

FPRL1 (aa328-339) Antibody (C-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 (aa328-339) Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

FPRL1 (aa328-339) Antibody (C-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:1374236). Binding of FMLP to the receptor causes activation of neutrophils (PubMed:1374236). This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second

messenger system (PubMed:1374236). The activation of LXA4R could result in an anti- inflammatory outcome counteracting the actions of pro-inflammatory signals such as LTB4 (leukotriene B4) (PubMed:9547339). 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:15465011).

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 (aa328-339) 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](#)

FPRL1 (aa328-339) Antibody (C-Term) - Images**FPRL1 (aa328-339) Antibody (C-Term) - Background**

Both reported variants (NP_001005738.1 and NP_001453.1) are identical proteins.

FPRL1 (aa328-339) Antibody (C-Term) - References

Severe asthma is associated with a loss of LX4, an endogenous anti-inflammatory compound. Vachier I, Bonnans C, Chavis C, Farce M, Godard P, Bousquet J, Chanez P. J Allergy Clin Immunol. 2005 Jan;115(1):55-60. PMID: 15637547