bs-23765R **[Primary Antibody]**

FPRL1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2358 **SWISS:** P25090

Target: FPRL1

Immunogen: KLH conjugated synthetic peptide derived from human FPRL1: 1-100/350.

Purification: affinity purified by Protein A

Concentration: 1mg/1ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: FPRL1 is a low affinity receptor to N-formyl-methionyl peptides, which are powerful neutrophils chemotactic factors. Binding of FMLP to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. The activation of LXA4R could result in an anti-inflammatory outcome counteracting the actions of proinflammatory signals such as LTB4 (leukotriene B4). FPRL1 has been reported in phagocytes, monocytes, neutrophils, differentiated myeloid cells from bone marrow, granulocyte HL-60 cells, and synovial fibroblasts. ESTs have been isolated from blood, leukocyte, lung, and placenta libraries.

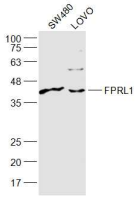
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse

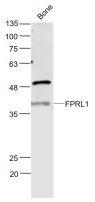
Predicted MW.: 39 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: SW480(Human) Cell Lysate at 30 ug LOVO(Human) Cell Lysate at 30 ug Primary: Anti-FPRL1 (bs-23765R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 39 kD



Sample: Bone (Mouse) Lysate at 40 ug Primary: Anti- FPRL1 (bs-23765R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 39 kD

SELECTED CITATIONS

- **[IF=6.6]** Ana Paula Girol. et al. Annexin A1 Mimetic Peptide and Piperlongumine: Anti-Inflammatory Profiles in Endotoxin-Induced Uveitis. Cells-Basel. 2021 Nov;10(11):3170 IHC ;Rat. 34831393
- **[IF=5.895]** Hui Wang. et al. Effect of Chlorogenic Acid via Upregulating Resolvin D1 Inhibiting the NF-κB Pathway on Chronic Restraint Stress-Induced Liver Inflammation. J AGR FOOD CHEM. 2022;70(34):10532–10542 WB ;Rat. 35975781