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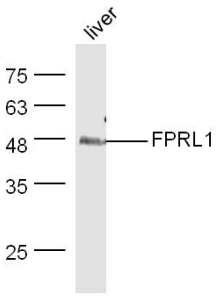
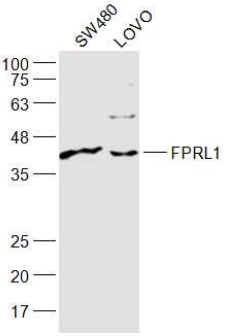
FPRL1 Rabbit pAb

Catalog Number:	bs-3654R
Target Protein:	FPRL1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Human, Mouse
Predicted MW:	39 kDa
Entrez Gene:	2358
Swiss Prot:	P25090
Source:	KLH conjugated synthetic peptide derived from human FPRL1: 51-150/351.
Purification:	affinity purified by Protein A
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.

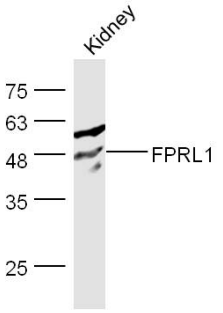
VALIDATION IMAGES



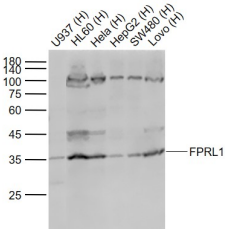
Sample:Liver(Mouse) Lysate at 40 ug Primary: Anti-FPRL1(bs-3654R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 47 kD



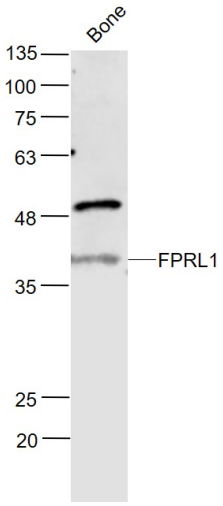
Sample: SW480(Human) Cell Lysate at 30 ug LOVO(Human) Cell Lysate at 30 ug Primary: Anti-FPRL1 (bs-3654R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 39 kD



Sample: kidney (Mouse) Lysate at 40 ug Primary: Anti-FPRL1 (Bs-3654R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 48 kD



Sample: Lane 1: U937 (Human) Cell Lysate at 30 ug Lane 2: HL60 (Human) Cell Lysate at 30 ug Lane 3: Hela (Human) Cell Lysate at 30 ug Lane 4: HepG2 (Human) Cell Lysate at 30 ug Lane 5: SW480 (Human) Cell Lysate at 30 ug Lane 6: Lovo (Human) Cell Lysate at 30 ug Primary: Anti-FPRL1 (bs-3654R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 35 kD



Sample: Bone (Mouse) Lysate at 40 ug Primary: Anti- FPRL1 (bs-3654R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 39 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=10.8] Hiram Roddy. et al. An inflammation resolution-promoting intervention prevents atrial fibrillation due to left-ventricular dysfunction. CARDIOVASC RES. 2023 Dec;: WB ; Human,Rat . 38091977

[IF=8.702] Cao Yirui. et al. Formyl peptide receptor 2 activation by mitochondrial formyl peptides stimulates the neutrophil proinflammatory response via the ERK pathway and exacerbates ischemia–reperfusion injury. CELL MOL BIOL LETT. 2023 Dec;28(1):1-24 FCM ; Rat . 36658472

[IF=6.5] Yang Fan. et al. Identifying oxidative stress-related biomarkers in idiopathic pulmonary fibrosis in the context of predictive, preventive, and personalized medicine using integrative omics approaches and machine-learning strategies. EPMA Journal. 2023 Jul;:1-26 WB ; Rat . 10.1007/s13167-023-00334-4

[IF=5.23] Diao, Na, et al. "Deficiency in Toll-interacting protein (Tollip) skews inflamed yet incompetent innate leukocytes in vivo during DSS-induced septic colitis."Scientific Reports 6 (2016): 34672. WB ; ="Mouse" . 27703259

[IF=4.966] Wenzheng Xia. et al. ANXA1 directs Schwann cells proliferation and migration to accelerate nerve regeneration through the FPR2/AMPK pathway. Faseb J. 2020 Oct;34(10):13993-14005 IHC ; Rat . 32856352