SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FPR1 antibody

Catalog Number: SL23519R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FPR1
Immunogen:	KLH conjugated synthetic peptide derived from mouse FPR1: 131-230/364 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse
Predicted MW.:	40kDa
Subcellular Location:	The cell membrane
Background:	This gene encodes a G protein-coupled receptor of mammalian phagocytic cells that is a member of the G-protein coupled receptor 1 family. The protein mediates the response of phagocytic cells to invasion of the host by microorganisms and is important in host defense and inflammation.[provided by RefSeq, Jul 2010] **Function:** High affinity receptor for 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. **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **Similarity:** Cell membrane; Multi-pass membrane protein. **Database links:** UniProtKB - P33766 transcriptional regulatory factor（Transcriptin Regulators）

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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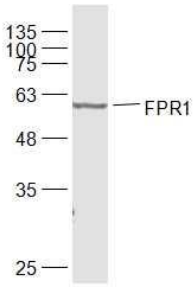
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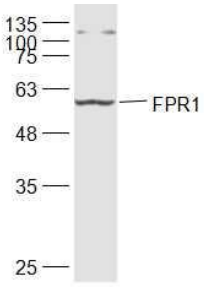
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	FPR1 is a member of the G protein-coupled receptor family, involved in cell signal transduction, activates the MAPK pathway, and immune response.

[VALIDATION IMAGES]



Sample:
Spleen (Mouse) Lysate at 40 ug
Primary: Anti-FPR1 (SL23519R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 40 kD
Observed band size: 55 kD



Sample:
BV-2(Mouse) Cell Lysate at 30 ug
Primary: Anti-FPR1 (SL23519R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 40 kD
Observed band size: 55 kD

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