10320 Camino Santa Fe, Suite G
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FPR1 / FPR Antibody (aa176-190)

Rabbit Polyclonal Antibody

Catalog # ALS12071

Specification

FPR1 / FPR Antibody (aa176-190) - Product Information

Application	**WB**
Primary Accession	P21462
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38kDa KDa**

FPR1 / FPR Antibody (aa176-190) - Additional Information

Gene ID 2357

Other Names
fMet-Leu-Phe receptor, fMLP receptor, N-formyl peptide receptor, FPR, N-formylpeptide chemoattractant receptor, FPR1

Target/Specificity
A portion of amino acids 150-200 of human FPR1 was used as the immunogen.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
FPR1 / FPR Antibody (aa176-190) is for research use only and not for use in diagnostic or therapeutic procedures.

FPR1 / FPR Antibody (aa176-190) - Protein Information

Name FPR1

Function
High affinity receptor for N-formyl-methionyl peptides (fMLP), which are powerful neutrophil chemotactic factors (PubMed:2161213, PubMed:2176894, PubMed:10514456, PubMed:15153520). Binding of fMLP to the receptor stimulates intracellular calcium mobilization and superoxide anion release (PubMed:2161213, PubMed:1712023, PubMed:15153520, PubMed:15210802). This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second

messenger system (PubMed:1712023, PubMed:10514456). Receptor for TAFA4, mediates its effects on chemoattracting macrophages, promoting phagocytosis and increasing ROS release (PubMed:25109685). Receptor for cathepsin CTSG, leading to increased phagocyte chemotaxis (PubMed:15210802).

Cellular Location
Cell membrane; Multi-pass membrane protein. Note=Internalizes in presence of its ligands, fMLP, TAFA4 and CTSG.

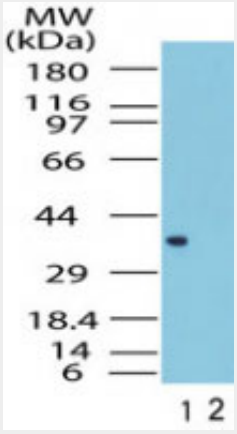
Tissue Location
Neutrophils.

FPR1 / FPR Antibody (aa176-190) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FPR1 / FPR Antibody (aa176-190) - Images



Western blot of FPR1 in the 1) absence and 2) presence of immunizing peptide in human liver...

FPR1 / FPR Antibody (aa176-190) - Background

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