

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 TFAA4, 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, TFAA4 and CTSG.

Tissue Location

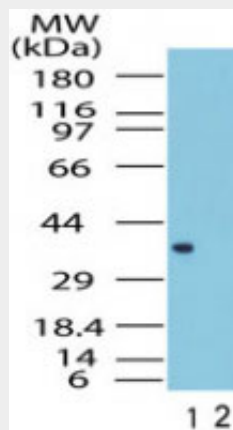
Neutrophils.

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 Cytometry](#)
- [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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FPR1 / FPR Antibody (aa176-190) - References

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