Anti-FPR1 antibody

Description	Rabbit polyclonal to FPR1.

Model	STJ93133
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human FPR1
Immunogen Region	130-210 aa, Internal
Gene ID	2357
Gene Symbol	FPR1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	FPR1 Polyclonal Antibody detects endogenous levels of FPR1 protein.
Tissue Specificity	Neutrophils.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	fMet-Leu-Phe receptor fMLP receptor N-formyl peptide receptor FPR N-formylpeptide chemoattractant receptor
Molecular Weight	40 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3826OMIM:136537
Alternative Names	fMet-Leu-Phe receptor fMLP receptor N-formyl peptide receptor FPR N-formylpeptide chemoattractant receptor
Function	High affinity receptor for N-formyl-methionyl peptides (fMLP), which are powerful neutrophil chemotactic factors . Binding of fMLP to the receptor stimulates intracellular calcium mobilization and superoxide anion release . This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system .
Cellular Localization	Cell membrane
Post-translational Modifications	Phosphorylated; which is necessary for desensitization.