Product Name: FPR1 Rabbit Polyclonal Antibody
Catalog #: APRab11122
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
Molecular Weight	38kDa

Antigen Information

Gene Name	FPR1
Alternative Names	FPR1; fMet-Leu-Phe receptor; fMLP receptor; N-formyl peptide receptor; FPR; N-formylpeptide chemoattractant receptor
Gene ID	2357.0
SwissProt ID	P21462
Immunogen	The antiserum was produced against synthesized peptide derived from human FPR1. AA range:151-200

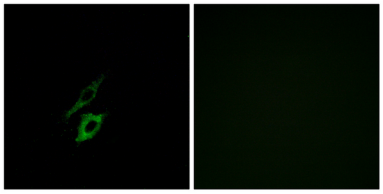
Background

formyl peptide receptor 1(FPR1) Homo sapiens 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.,PTM:Phosphorylated; which is necessary for desensitization.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Neutrophils.,

Research Area

Neuroactive ligand-receptor interaction;

Image Data



Immunofluorescence analysis of A549 cells, using FPR1 Antibody. The picture on the right is blocked with the synthesized peptide.