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Rabbit Anti-FPR1 antibody

SL2572R

Product Name:	FPR1
Chinese Name:	甲酸基肽受体1抗体
Alias:	Formyl peptide receptor 1; fMet Leu Phe receptor; FMLP; FMLP Receptor; FPR 1; FPR; N formyl peptide chemoattractant receptor; N formyl peptide receptor; N formylpeptide chemoattractant receptor; fMet-Leu-Phe receptor; FMLPR; FPR; FPR receptor; FPR1; FPR1_HUMAN; N formylpeptide chemoattractant receptor; N-formyl peptide receptor; N-formylpeptide chemoattractant receptor.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	39kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FPR1:51-150/350<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Tissue Specificity:
Neutrophils.

Similarity:
Belongs to the G-protein coupled receptor 1 family.

SWISS:
P21462

Gene ID:
2357

Database links:

Entrez Gene: 2357Human

Omim: 136537Human

SwissProt: P21462Human

Unigene: 753Human

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

transcriptional regulatory factor（Transcriptin Regulators）
FPR1属于G protein-coupled
receptor家族成员，参与细胞信号传导，激活MAPK通路，免疫应答。