

FPRL2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8793c

Specification

FPRL2 Antibody (Center) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	P25089
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	39965
Antigen Region	307-333

FPRL2 Antibody (Center) - Additional Information

Gene ID 2359

Other Names

N-formyl peptide receptor 3, FMLP-related receptor II, FMLP-R-II, Formyl peptide receptor-like 2, FPR3, FPRH1, FPRL2

Target/Specificity

This FPRL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 307-333 amino acids from the Central region of human FPRL2.

Dilution

WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FPRL2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

FPRL2 Antibody (Center) - Protein Information

Name FPR3

Synonyms FPRH1, FPRL2

Function Low 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. Acts as a receptor for humanin (PubMed:[15465011](#)).

Cellular Location

Cell membrane; Multi-pass membrane protein.

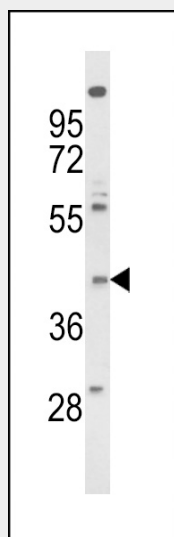
Tissue Location

Detected in various tissues with highest expression in lung.

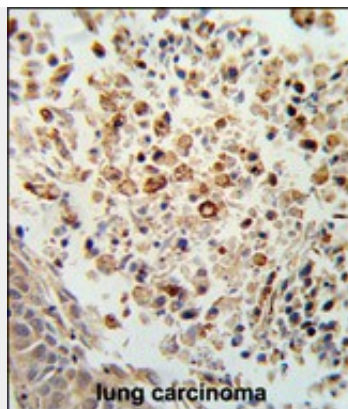
FPRL2 Antibody (Center) - Protocols

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

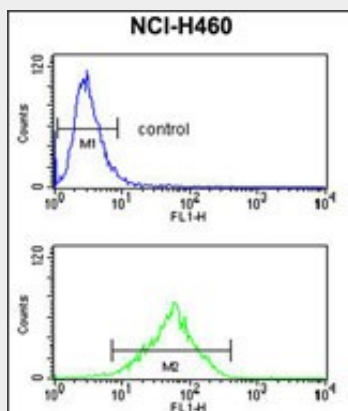
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FPRL2 Antibody (Center) - Images

Western blot analysis of FPRL2 Antibody (Center) (Cat. #AP8793c) in NCI-H460 cell line lysates (35ug/lane). FPRL2 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with FPRL2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



FPRL2 Antibody (Center) (Cat. #AP8793c) flow cytometry analysis of NCI-H460 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

FPRL2 Antibody (Center) - Background

Low 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.

FPRL2 Antibody (Center) - References

Yang, D., et al., J. Leukoc. Biol. 72 (3), 598-607 (2002)