FPR1 (I203) polyclonal antibody

Catalog: BS5720 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The N-formyl peptide receptor (FPR) is a chemotactic G protein-coupled receptor (GPCR) that is found on the surface of phagocytic leukocytes, such as neutrophils and monocytes. The human FPR family comprises three members, FPR, FPRL1 (also designated lipoxin A4 receptor) and FPRL2, and each family member contains specific residues, which are responsible for determining its ligand specificity. FPR, a seven transmembrane-domain receptor, primarily binds the chemoattractant N-formyl-methionyl-leucyl-phenylalanine (fMLP), which activates several biological processes, including chemotaxis, transcriptional activation, and actin reorganization. FPR also mediates the inhibition of neutrophil migration through binding to specific peptide fragments of annexin I, which causes calcium transients and affects inflammatory responses.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 38 kDa

Swiss-Prot:

P21462

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

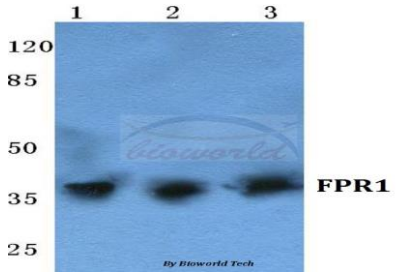
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

FPR1 (I203) polyclonal antibody detects endogenous levels of FPR1 protein.

DATA:



Western blot (WB) analysis of FPR1 (I203) polyclonal antibody at 1:500 dilution

Lane1:A549 cell lysate

Lane2:Raw264.7 cell lysate

Lane3:Rat brain tissue lysate

Note:

For research use only, not for use in diagnostic procedure.

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