

For Research Use Only

# FPR2 Polyclonal antibody, PBS Only

Catalog Number: 30989-1-PBS



## Basic Information

**Catalog Number:**

30989-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG34304

**GenBank Accession Number:**

BC029125

**GeneID (NCBI):**

2358

**UNIPROT ID:**

P25090

**Full Name:**

formyl peptide receptor 2

**Calculated MW:**

351 aa, 39 kDa

**Observed MW:**

42 kDa

**Purification Method:**

Antigen affinity Purification

## Applications

**Tested Applications:**

WB, IHC, Indirect ELISA

**Species Specificity:**

human, mouse

## Background Information

The formyl peptide receptors (FPRs) are a group of G protein-coupled chemoattractant receptors that play important roles in host defense and inflammation (PMID: 28335409). In humans, three different isoforms are expressed (FPR1, FPR2, and FPR3). FPR2, also known as FPRL1 or ALX, is expressed by many cell types including monocytes, neutrophils, macrophages, astrocytoma cells, and epithelial cells. FPR2 conveys the biological functions of a variety of ligands, including N-formyl-methionyl peptides, the pro-resolution mediators annexin A1 (AnxA1) and lipoxin A4, as well as the activating and proinflammatory protein serum amyloid A (PMID: 22610094).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

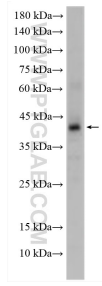
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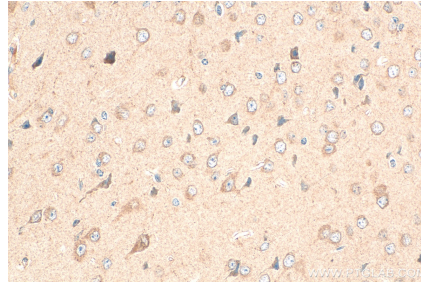
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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 30989-1-AP (FPR2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30989-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 30989-1-AP (FPR2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30989-1-PBS in a different storage buffer formulation.