

For Research Use Only

FPR2 Polyclonal antibody

Catalog Number: 30989-1-AP



Basic Information

Catalog Number: 30989-1-AP	GenBank Accession Number: BC029125	Purification Method: Antigen affinity Purification
Size: 1000 ug/ml	GeneID (NCBI): 2358	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P25090	
Isotype: IgG	Full Name: formyl peptide receptor 2	
Immunogen Catalog Number: AG34304	Calculated MW: 351 aa, 39 kDa Observed MW: 42 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HEK-293 cells, IHC : mouse brain tissue,
Species Specificity: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

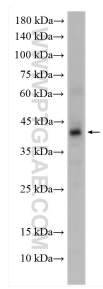
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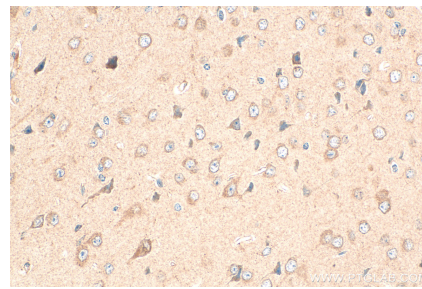
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Selected Validation Data



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.



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).