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Product datasheet for AP23634PU-N

FPR1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	**ELISA:** 1/1000. **Immunofluorescence:** 1/100 - 1/500. **Immunohistochemistry on Paraffin Sections:** 1/200. **Western Blot:** 1/500 - 1/1000.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between aa 155 -204 of human FPR1.
Specificity:	FPR1 Antibody detects endogenous levels of total FPR1 protein.
Formulation:	PBS (without Mg^{2+}, Ca^{2+}), pH 7.4 containing 150 mM Sodium Chloride State: Aff - Purified State: Liquid purfied Ig fraction Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	formyl peptide receptor 1
Database Link:	Entrez Gene 2357 Human P21462

View online »

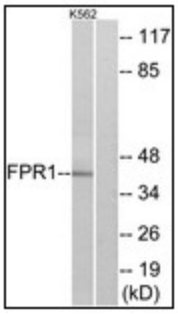
Background: Formyl peptide receptor 1, a Chemoattractant Receptor, mediates chemotaxis, degranulation, and superoxide production, as part of the inflammatory response. Bacterial N-formylmethionyl peptides and Annexin A1, specific ligands for FPR1, attract polymorphonuclear neutrophils to sites of infection. FPR receptors promote the phosphorylation and downregulation of CCR5, which has been shown to inhibit HIV infection. Therefore, ligands for an FPR receptor may be able to inhibit HIV infection.

Synonyms: N-formyl peptide receptor, FPR1

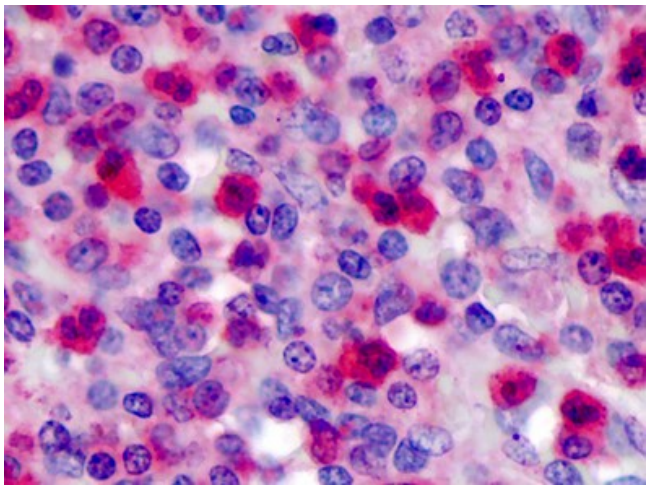
Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

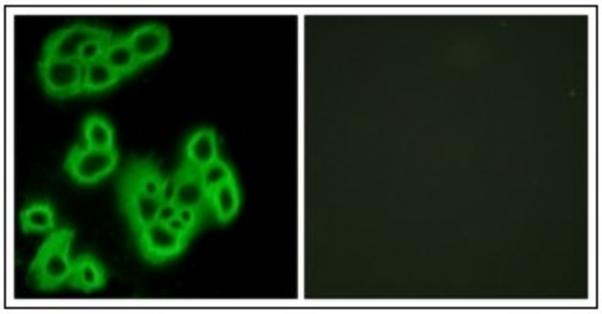
Product images:



Western blot analysis of extracts from K562 cells, using FPR1 Antibody. The lane on the right is treated with the synthesized peptide.



Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence analysis of MCF7 cells, using FPR1 Antibody. The picture on the right is treated with the synthesized peptide.