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Product datasheet for TA323164

FPRL1 (FPR2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 336-350 amino acids of Human formyl peptide receptor 2
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	formyl peptide receptor 2
Database Link:	NP_001453 Entrez Gene 2358 Human P25090
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. The activation of LXA4R could result in an anti-inflammatory outcome counteracting the actions of proinflammatory signals such as LTB4
Synonyms:	ALXR; FMLP-R-II; FMLPX; FPR2A; FPRH1; FPRH2; FPRL1; HM63; LXA4R
Protein Families:	Druggable Genome, GPCR, Transmembrane

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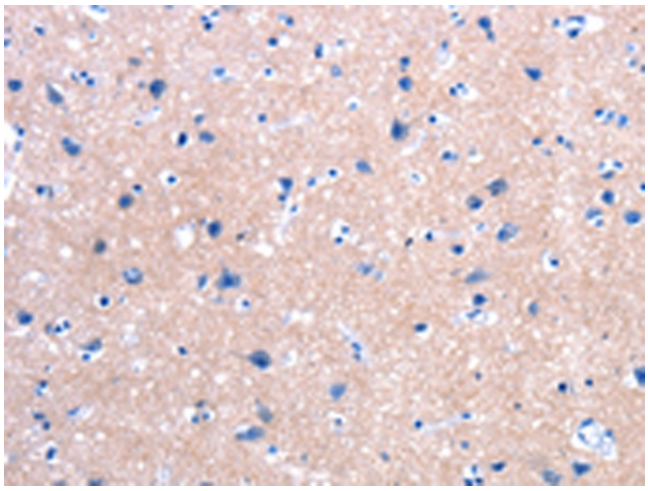
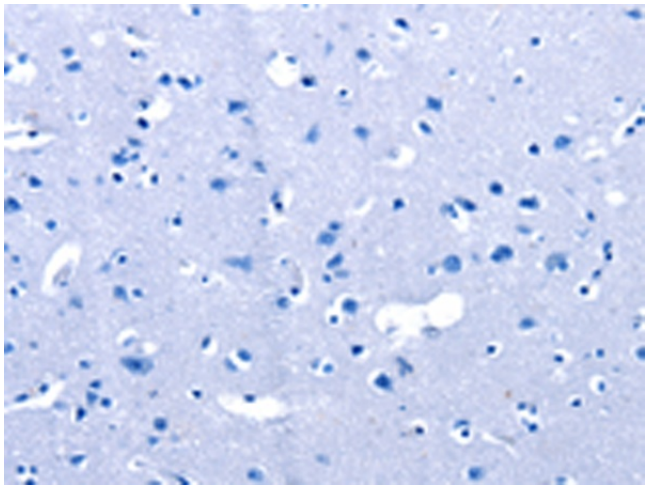
Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Immunohistochemistry of paraffin-embedded Human brain tissue using TA323164 (FPR2 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA323164 (FPR2 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)