

## PAF-R rabbit pAb

Cat No.: ES6880

For research use only

## Overview

**Product Name** PAF-R rabbit pAb

**Host species** Rabbit IF;ELISA **Applications** 

**Species Cross-Reactivity** Human; Mouse; Rat

**Recommended dilutions** Immunofluorescence: 1/200 - 1/1000. ELISA:

1/10000. Not yet tested in other applications.

The antiserum was produced against synthesized **Immunogen** 

peptide derived from human PTAFR. AA

range:194-243

**Specificity** PAF-R Polyclonal Antibody detects endogenous

levels of PAF-R protein.

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

**Protein Name** Platelet-activating factor receptor

**Gene Name** PTAFR

**Cellular localization** Cell membrane; Multi-pass membrane protein. Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

**Observed band** 

**Human Gene ID** 5724 **Human Swiss-Prot Number** P25105

**Alternative Names** PTAFR; PAFR; Platelet-activating factor receptor;

PAF-R; PAFr

**Background** This gene encodes a seven-transmembrane

> G-protein-coupled receptor for platelet-activating factor (PAF) that localizes to lipid rafts and/or

caveolae in the cell membrane. PAF

(1-0-alkyl-2-acetyl-sn-glycero-3-phosphorylcholine) is a phospholipid that plays a significant role in

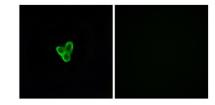


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oncogenic transformation, tumor growth, angiogenesis, metastasis, and pro-inflammatory processes. Binding of PAF to the PAF-receptor (PAFR) stimulates numerous signal transduction pathways including phospholipase C, D, A2, mitogen-activated protein kinases (MAPKs), and the phosphatidylinositol-calcium second messenger system. Following PAFR activation, cells become rapidly desensitized and this refractory state is dependent on PAFR phosphorylation, internalization, and down-regulation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011],

Immunofluorescence analysis of LOVO cells, using PTAFR Antibody. The picture on the right is blocked with the synthesized peptide.



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