

PTAFR Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5414b

Specification

PTAFR Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P25105
Other Accession	NP_001158195.1 , NP_000943.1 , NP_001158194.1 , NP_001158193.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	286-312

PTAFR Antibody (C-term) - Additional Information

Gene ID 5724

Other Names

Platelet-activating factor receptor, PAF-R, PAFr, PTAFR, PAFR

Target/Specificity

This PTAFR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 286-312 amino acids from the C-terminal region of human PTAFR.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PTAFR Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PTAFR Antibody (C-term) - Protein Information

Name PTAFR

Synonyms PAFR

Function Receptor for platelet activating factor, a chemotactic phospholipid mediator that possesses potent inflammatory, smooth-muscle contractile and hypotensive activity. Seems to mediate its action via a G protein that activates a phosphatidylinositol-calcium second messenger system.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

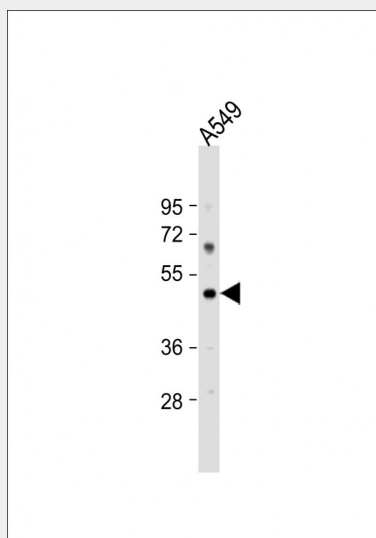
Expressed in the placenta, lung, left and right heart ventricles, heart atrium, leukocytes and differentiated HL-60 granulocytes.

PTAFR Antibody (C-term) - Protocols

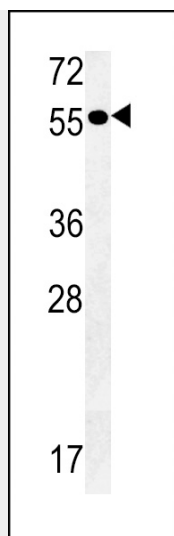
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTAFR Antibody (C-term) - Images



Anti-PTAFR Antibody (C-term) at 1:1000 dilution + A549 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 39 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



PTAFR Antibody (C-term)(Cat. #AP5414b) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the PTAFR antibody detected PTAFR protein (arrow).

PTAFR Antibody (C-term) - Background

PTAFR shows structural characteristics of the rhodopsin (MIM 180380) gene family and binds platelet-activating factor (PAF). PAF is a phospholipid (1-O-alkyl-2-acetyl-sn-glycero-3-phosphorylcholine) that has been implicated as a mediator in diverse pathologic processes, such as allergy, asthma, septic shock, arterial thrombosis, and inflammatory processes.

PTAFR Antibody (C-term) - References

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