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PTAFR Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5414b

Product Information

Application	WB, E
Primary Accession	P25105
Other Accession	NP_001158195.1, NP_000943.1, NP_001158194.1, NP_001158193.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26788
Calculated MW	39203
Antigen Region	286-312

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.

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.

Background

PTAFR shows structural characteristics of the rhodopsin (MIM 180380) gene family and binds platelet-activating factor (PAF). PAF is a phospholipid (1-0-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.

References

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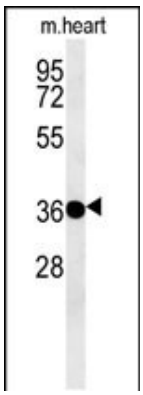
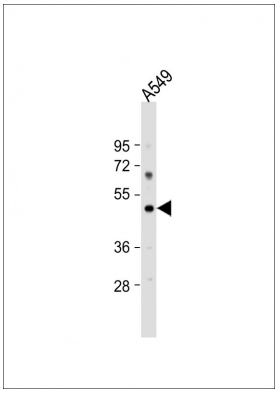
Images



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).



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.