

PTGFRN Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18481c

Specification

PTGFRN Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9P2B2
Other Accession	NP_065173.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	98556
Antigen Region	458-485

PTGFRN Antibody (Center) - Additional Information

Gene ID 5738

Other Names

Prostaglandin F2 receptor negative regulator, CD9 partner 1, CD9P-1, Glu-Trp-Ile EWI motif-containing protein F, EWI-F, Prostaglandin F2-alpha receptor regulatory protein, Prostaglandin F2-alpha receptor-associated protein, CD315, PTGFRN, CD9P1, EWIF, FPRP, KIAA1436

Target/Specificity

This PTGFRN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 458-485 amino acids from the Central region of human PTGFRN.

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

PTGFRN Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PTGFRN Antibody (Center) - Protein Information

Name PTGFRN

Synonyms CD9P1, EWIF, FPRP, KIAA1436

Function Inhibits the binding of prostaglandin F2-alpha (PGF2-alpha) to its specific FP receptor, by decreasing the receptor number rather than the affinity constant. Functional coupling with the prostaglandin F2-alpha receptor seems to occur (By similarity). In myoblasts, associates with tetraspanins CD9 and CD81 to prevent myotube fusion during muscle regeneration (By similarity).

Cellular Location

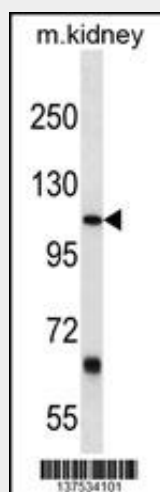
Endoplasmic reticulum membrane; Single-pass type I membrane protein. Golgi apparatus, trans-Golgi network membrane; Single-pass type I membrane protein

PTGFRN Antibody (Center) - 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](#)

PTGFRN Antibody (Center) - Images



PTGFRN Antibody (Center) (Cat. #AP18481c) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the PTGFRN antibody detected the PTGFRN protein (arrow).

PTGFRN Antibody (Center) - Background

PTGFRN inhibits the binding of prostaglandin F2-alpha (PGF2-alpha) to its specific FP receptor, by decreasing the receptor number rather than the affinity constant. Functional coupling with the prostaglandin F2-alpha receptor seems to occur (By similarity).

PTGFRN Antibody (Center) - References

Ikeda, M., et al. Biol. Psychiatry 67(3):263-269(2010)
Andre, M., et al. J Proteomics 73(1):93-102(2009)
Andre, M., et al. Proteomics 7(21):3880-3895(2007)
Abache, T., et al. J. Cell. Biochem. 102(3):650-664(2007)
Sala-Valdes, M., et al. J. Biol. Chem. 281(28):19665-19675(2006)