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PTGFRN Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18481c

Specification

PTGFRN Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q9P2B2
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

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).

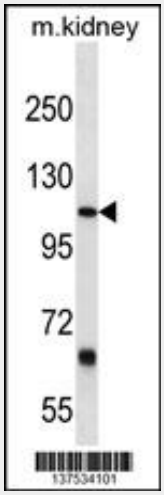
Cellular Location
Endoplasmic reticulum membrane; Single-pass type I membrane protein. Golgi apparatus, trans-Golgi network membrane; Single-pass type I membrane protein

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 Cytomety
- 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)