

PTGFRN Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18481c**Specification**

PTGFRN Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9P2B2](#)**PTGFRN Antibody (Center) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PTGFRN Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PTGFRN Antibody (Center) Blocking Peptide - Images

PTGFRN Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)