

PTGIR Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14427c

Specification

PTGIR Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P43119](#)

PTGIR Antibody (Center) Blocking Peptide - Additional Information

Gene ID 5739

Other Names

Prostacyclin receptor, Prostaglandin I2 receptor, PGI receptor, PGI2 receptor, Prostanoid IP receptor, PTGIR, PRIPR

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.

PTGIR Antibody (Center) Blocking Peptide - Protein Information

Name PTGIR

Synonyms PRIPR

Function

Receptor for prostacyclin (prostaglandin I2 or PGI2). The activity of this receptor is mediated by G(s) proteins which activate adenylate cyclase.

Cellular Location

Cell membrane; Multi-pass membrane protein.

PTGIR Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PTGIR Antibody (Center) Blocking Peptide - Images

PTGIR Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene is a member of the G-protein coupled receptor family 1 and has been shown to be a receptor for prostacyclin. Prostacyclin, the major product of cyclooxygenase in macrovascular endothelium, elicits a potent vasodilation and inhibition of platelet aggregation through binding to this receptor.

PTGIR Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Ibrahim, S., et al. Arterioscler. Thromb. Vasc. Biol. 30(9):1802-1809(2010) Reid, H.M., et al. J. Biol. Chem. 285(24):18709-18726(2010) Muto, A., et al. Int Angiol 29 (2 SUPPL), 43-48 (2010) :Davila, S., et al. Genes Immun. 11(3):232-238(2010)