

Prostacyclin Receptor Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50063

Specification

Prostacyclin Receptor Antibody - Product Information

Application	WB, IF
Primary Accession	P43119
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41 KDa
Antigen Region	221-245

Prostacyclin Receptor Antibody - Additional Information

Gene ID 5739

Other Names

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

Dilution

WB~~ 1:1000

IF~~1:100

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

Prostacyclin Receptor Antibody - 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

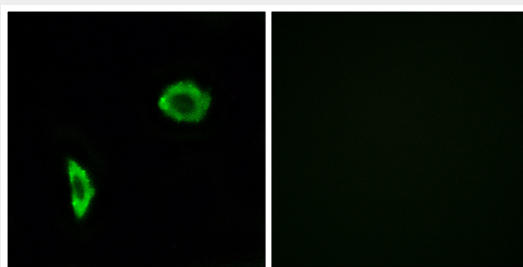
Cell membrane; Multi-pass membrane protein.

Prostacyclin Receptor Antibody - Protocols

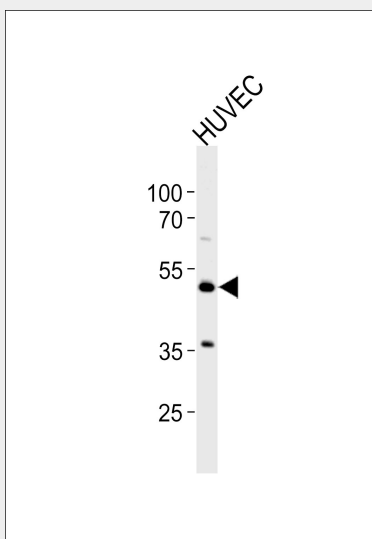
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Prostacyclin Receptor Antibody - Images



Immunofluorescence analysis of LOVO cells, using Prostacyclin Receptor antibody.



Western blot analysis of lysates from HUVEC cell line, using Prostacyclin Receptor Antibody(G725). G725 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug.

Prostacyclin Receptor Antibody - Background

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

Prostacyclin Receptor Antibody - References

Boie Y., et al. J. Biol. Chem. 269:12173-12178(1994).
Katsuyama M., et al. FEBS Lett. 344:74-78(1994).

Nakagawa O., et al. *Circulation* 90:1643-1647(1994).

Ogawa Y., et al. *Genomics* 27:142-148(1995).

Warren C.N., et al. Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.