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Prostacyclin Receptor Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50063

Product Information

Application	WB, IF
Primary Accession	P43119
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	40956

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℃

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.

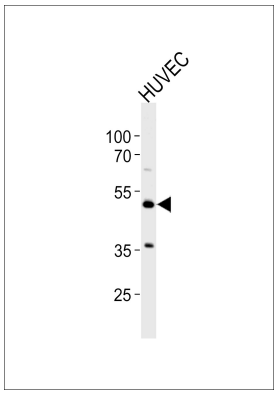
Background

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

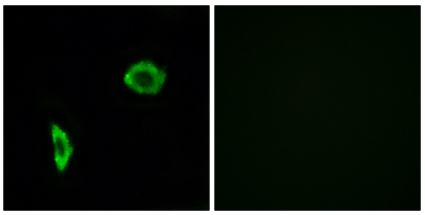
References

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.

Images



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.



Immunofluorescence analysis of LOVO cells, using Prostacyclin Receptor antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.