

Rabbit anti-Human Prostacyclin Receptor Polyclonal Antibody | anti-PTGIR antibody

Prostacyclin Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288636	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

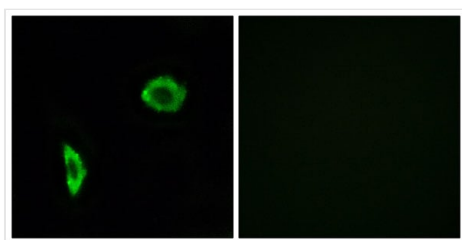
PRODUCT SYNONYMS

Prostacyclin Receptor; Polyclonal Antibody; Prostacyclin Receptor Antibody; Prostacyclin receptor; Prostaglandin I2 receptor; PGI receptor; PGI2 receptor; Prostanoid IP receptor; PTGIR; PRIPR; anti-PTGIR antibody

PRODUCT SPECIFICATIONS

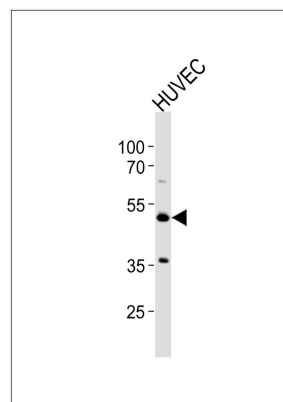
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	221-245
Sequence Length	386
Applicable Applications for anti-PTGIR antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of LOVO cells, using Prostacyclin Receptor antibody.



WB (Western Blot)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGIR antibody	Receptor for prostacyclin (prostaglandin I2 or PGI2). The activity of this receptor is mediated by G(s) proteins which activate adenylate cyclase.
Product Categories/Family for anti-PTGIR antibody	Cardiovascular; Signal Transduction
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506263
NCBI GeneID	5739
NCBI Accession #	NP_000951.1
NCBI GenBank Nucleotide #	NM_000960.3
UniProt Accession #	P43119
Molecular Weight	40956
NCBI Official Full Name	prostacyclin receptor
NCBI Official Synonym Full Names	prostaglandin I2 (prostacyclin) receptor (IP)
NCBI Official Symbol	PTGIR
NCBI Official Synonym Symbols	IP; PRIPR
NCBI Protein Information	prostacyclin receptor
UniProt Protein Name	Prostacyclin receptor
UniProt Gene Name	PTGIR
UniProt Synonym Gene Names	PRIPR; PGI receptor; PGI2 receptor
UniProt Entry Name	PI2R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.