

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

PTGIR Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286502	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

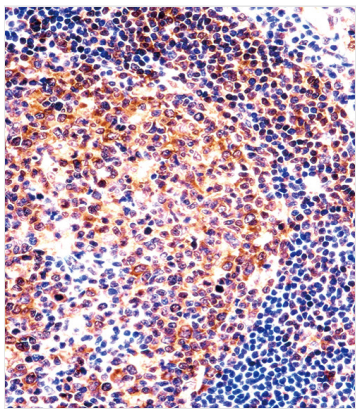
PRODUCT SYNONYMS

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

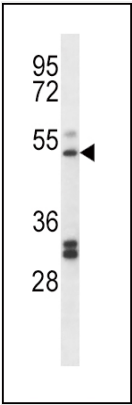
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PTGIR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 210-238 amino acids from the Central region of human PTGIR.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	210-238
Sequence Length	386
Applicable Applications for anti-PTGIR antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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



IHC (Immunohiostchemistry)
PTGIR Antibody (Center) (AAA286502)immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PTGIR Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PTGIR Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the PTGIR antibody detected the PTGIR protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PTGIR antibody	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.
Product Categories/Family for anti-PTGIR antibody	Cardiovascular; Signal Transduction; GPCR Antibodies
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)

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptgir-antibody-immunohistochemistry-western-blot-elisa/286502>