



## Anti-PTGIR (aa 296-386) polyclonal antibody (DPAB-DC2578)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	PTGIR (NP_000951, 296 a.a. ~ 386 a.a) partial recombinant protein with GST tag. The sequence is  RKAVFQLKLWVCCCLCLGPAHGDSQLSQLASGRRDPRAPSAPVGKEGSCVPLSAWGEG QVEPLPPTQQSSGSAVGTTSSKAEASVACSLC
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">PTGIR prostaglandin I2 (prostacyclin) receptor (IP) [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	PTGIR
<b>Synonyms</b>	PTGIR; prostaglandin I2 (prostacyclin) receptor (IP); IP; PRIPR; prostacyclin receptor; PGI receptor; PGI2 receptor; prostanoid IP receptor; prostaglandin I2 receptor;
<b>Entrez Gene ID</b>	<a href="#">5739</a>
<b>Protein Refseq</b>	<a href="#">NP_000951</a>
<b>UniProt ID</b>	<a href="#">P43119</a>
<b>Chromosome Location</b>	19q13.3
<b>Pathway</b>	Class A/1 (Rhodopsin-like receptors); Endothelin; GPCR downstream signaling; GPCRs, Class A Rhodopsin-like
<b>Function</b>	G-protein coupled receptor activity; guanyl-nucleotide exchange factor activity;

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