Anti-IP Receptor antibody

Description	Rabbit polyclonal to IP Receptor.

Model	STJ93743
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, WB
Immunogen	Synthesized peptide derived from human IP Receptor
Immunogen Region	170-250 aa, Internal
Gene ID	5739
Gene Symbol	PTGIR
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:10000
Specificity	IP Receptor Polyclonal Antibody detects endogenous levels of IP Receptor protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Prostacyclin receptor Prostaglandin I2 receptor PGI receptor PGI2 receptor Prostanoid IP receptor
Molecular Weight	45 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9602OMIM:600022
Alternative Names	Prostacyclin receptor Prostaglandin I2 receptor PGI receptor PGI2 receptor Prostanoid IP receptor
Function	Receptor for prostacyclin (prostaglandin I2 or PGI2). The activity of this receptor is mediated by G(s) proteins which activate adenylate cyclase.
Cellular Localization	Cell membrane. Multi-pass membrane protein.
Post-translational Modifications	Palmitoylation of either Cys-308 or Cys-311 is sufficient to maintain functional coupling to G(s) and signaling. Isoprenylation does not influence ligand binding but is required for efficient coupling to the effectors adenylyl cyclase and phospholipase C.