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## IP Receptor Polyclonal Antibody

<ul> <li>receptor is mediated by G(s) proteins which activate adenylate cyclase.,PTM:Isoprenylation does not influence ligand binding but is required for efficient coupling to the effectors adenylyl cyclase and phospholipase C.,PTM:Palmitoylation of either Cys-308 or Cys-311 is sufficient to maintain functional coupling to G(s) and signaling.,similarity:Belongs to the G-protein coupled receptor 1 family.,</li> <li>Background</li> <li>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</li> </ul>		
Reactivity       Human;Rat;Mouse;         Applications       WB;ELISA;IHC         Gene Name       PTGIR         Protein Name       Prostacyclin receptor         Immunogen       The antiserum was produced against synthesized peptide derived from human Prostacyclin Receptor. AA range:198-247         Specificity       IP Receptor Polyclonal Antibody detects endogenous levels of IP Receptor protein.         Formulation       Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.         Source       Polyclonal, Rabbit,IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       PTGIR; PRIPR; Prostacyclin receptor; Prostaglandin 12 receptor; PGI receptor	Catalog No	YP-Ab-13383
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Formulation       Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.         Source       Polyclonal, Rabbit,IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       PTGIR; PRIPR; Prostacyclin receptor; Prostaglandin I2 receptor; PGI receptor; PGI2 receptor; Prostanoid IP receptor         Observed Band       45kD         Cell Pathway       Cell membrane; Multi-pass membrane protein.         Tissue Specificity       Lung,Pancreas,Placenta,         Function       function:Receptor for prostacyclin (prostaglandin I2 or PGI2). The activity of this receptor is mediated by G(s) proteins which activate adenylate cyclase and phospholipase C, PTM:Palmitoylation of either Cys-308 or Cys-311 is sufficient to maintain functional coupling to the effectors adenylyl cyclase and phospholipase C, PTM:Palmitoylation of either Cys-308 or Cys-311 is sufficient to maintain functional coupling to G(s) and signaling, similarity:Belongs to the G-protein coupled receptor family.         Background       The protein encoded by this gene is a member of the G-protein coupled receptor family.	Immunogen	
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Avoid repeated freezing and thawing!

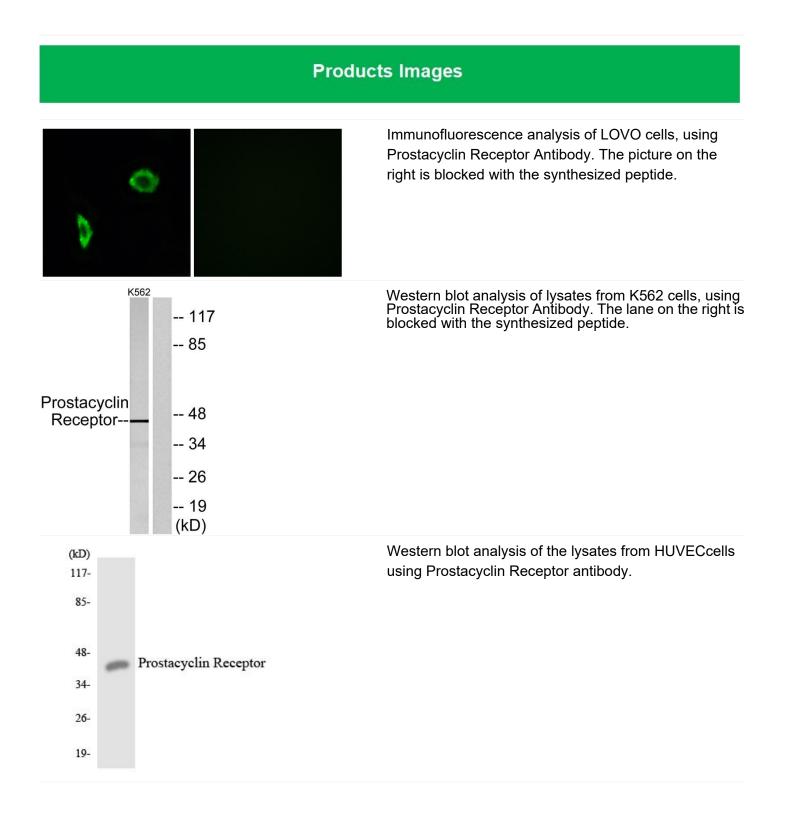
C Tel: 400-999-8863 💌 Email:UpingBio@163.com



matters needing attention

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

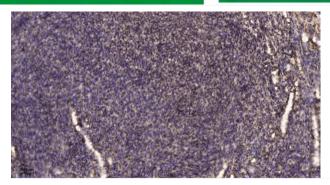




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Immunohistochemical analysis of paraffin-embedded human uterus. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).