

**Anti-IP Receptor Antibody**  
**Rabbit polyclonal antibody to IP Receptor**  
**Catalog # AP60621****Specification**

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**Anti-IP Receptor Antibody - Product Information**

Application	WB, IF/IC
Primary Accession	<a href="#">P43119</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40956

**Anti-IP Receptor Antibody - Additional Information****Gene ID** 5739**Other Names**

PRIPR; Prostacyclin receptor; Prostaglandin I2 receptor; PGI receptor; PGI2 receptor; Prostanoid IP receptor

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IP Receptor. The exact sequence is proprietary.

**Dilution**WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)  
IF/IC~~N/A**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-IP Receptor Antibody - Protein Information****Name** PTGIR**Synonyms** PRIPR**Function**

Receptor for prostacyclin (prostaglandin I2 or PGI2). The activity of this receptor is mediated by G(s) proteins which activate adenylate cyclase.

**Cellular Location**

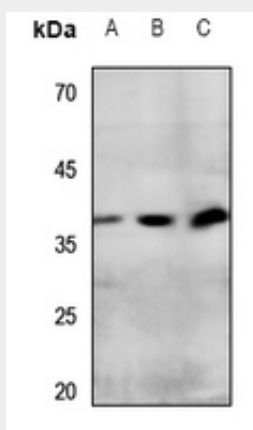
Cell membrane; Multi-pass membrane protein.

## Anti-IP Receptor Antibody - Protocols

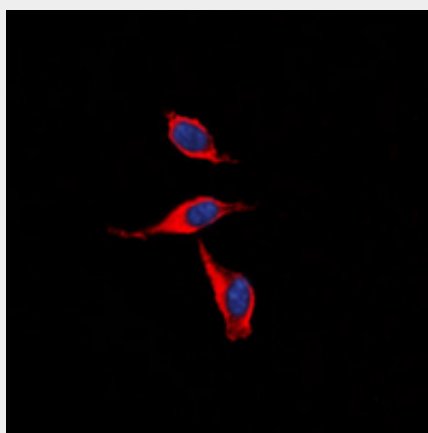
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-IP Receptor Antibody - Images



Western blot analysis of IP Receptor expression in HEK293T (A), HeLa (B), HepG2 (C) whole cell lysates.



Immunofluorescent analysis of IP Receptor staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

## Anti-IP Receptor Antibody - Background

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