

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

Specification

Anti-IP Receptor Antibody - Product Information

Application	WB, IF
Primary Accession	P43119
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

Recognizes endogenous levels of IP Receptor protein.

Dilution

WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)
IF~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)

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

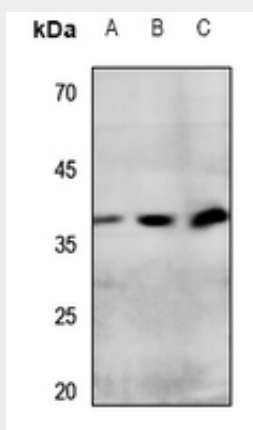
Cell membrane; Multi-pass membrane protein.

Anti-IP Receptor Antibody - Protocols

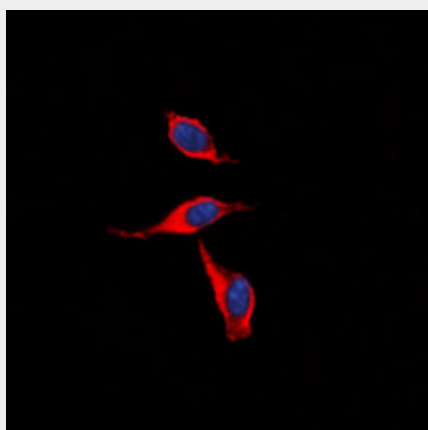
Provided below are standard protocols that you may find useful for product applications.

- [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

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