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

Specification

Anti-IP Receptor Antibody - Product Information

Application	**WB, IF/IC**
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/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.

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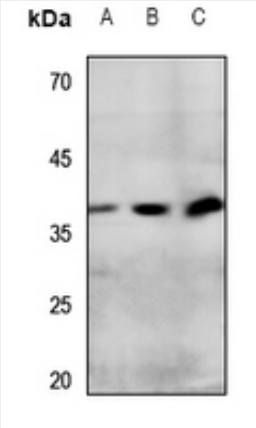
Anti-IP Receptor Antibody - Protocols

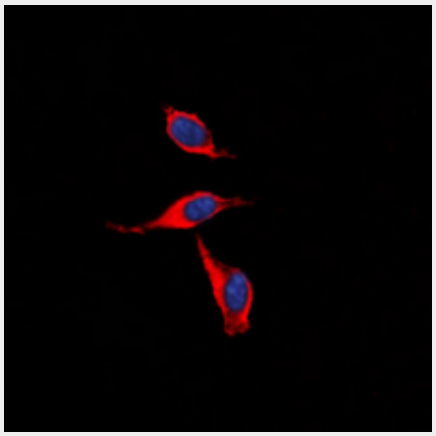
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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 hidified 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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KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IP Receptor. The exact sequence is proprietary.