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Anti-IP Receptor Antibody

Catalog # AP60621

Product Information

Application	WB, IF/IC
Primary Accession	P43119
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40956

Additional Information

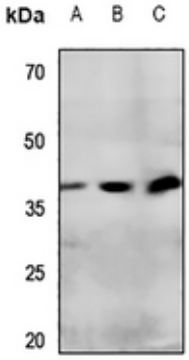
Gene ID	5739
Other Names	PRIPR; Prostacyclin receptor; Prostaglandin I2 receptor; PGI receptor; PGI2 receptor; Prostanoid IP receptor
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IP Receptor. The exact sequence is proprietary.
Dilution	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 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

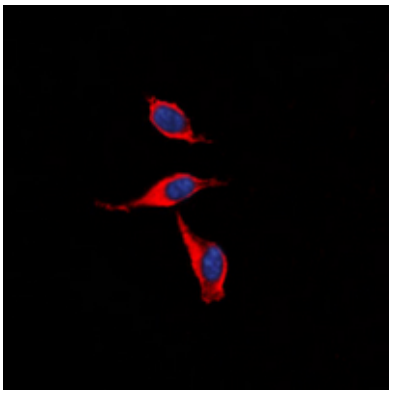
Protein Information

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.

Images

Western blot analysis of IP Receptor expression in HEK293T (A), Hela (B), HepG2 (C) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 40 kD)





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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.