

Anti-GPRC5C Antibody

Catalog # AP53992

Product Information

Application	WB, IF/IC
Primary Accession	Q9NQ84
Reactivity	Human, Mouse, Rat, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48193

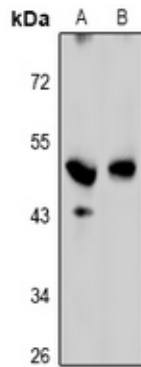
Additional Information

Gene ID	55890
Other Names	RAIG3; G-protein coupled receptor family C group 5 member C; Retinoic acid-induced gene 3 protein; RAIG-3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPRC5C. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 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

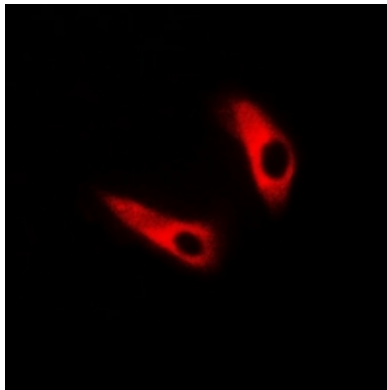
Protein Information

Name	GPRC5C
Synonyms	RAIG3
Function	This retinoic acid-inducible G protein-coupled receptor provide evidence for a possible interaction between retinoid and G- protein signaling pathways.
Cellular Location	Cell membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane; Multi-pass membrane protein Note=Localized in the plasma membrane and perinuclear vesicles
Tissue Location	Expression is highest in the periphery, particularly in the stomach, but also in the kidney, liver, pancreas, and prostate. In brain, levels of expression are generally lower than in the periphery, with the exception of cerebellum, spinal cord, and dorsal root ganglia (DRG).

Images



Western blot analysis of GPRC5C expression in HEK293T (A), MCF7 (B) whole cell lysates. (Predicted band size: 48 kD; Observed band size: 48 kD)



Immunofluorescent analysis of GPRC5C staining in A549 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 Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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