

**Product Name: GPRC5C Rabbit Polyclonal Antibody****Catalog #: APRab11714**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat,Monkey
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
<b>Molecular Weight</b>	48kDa

**Antigen Information**

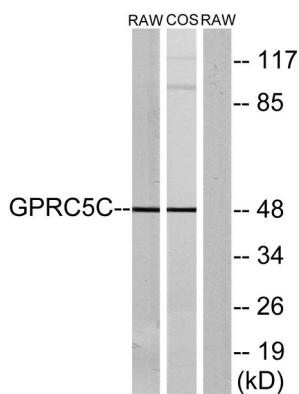
<b>Gene Name</b>	GPRC5C
<b>Alternative Names</b>	GPRC5C; RAIG3; PSEC0087; G-protein coupled receptor family C group 5 member C; Retinoic acid-induced gene 3 protein; RAIG-3
<b>Gene ID</b>	55890.0
<b>SwissProt ID</b>	Q9NQ84
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GPRC5C. AA range:51-100

**Background**

The protein encoded by this gene is a member of the type 3 G protein-coupled receptor family. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. The specific function of this protein is unknown; however, this protein may mediate the cellular effects of retinoic acid on the G protein signal transduction cascade. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],function:Unknown. This retinoic acid-inducible G-protein coupled receptor provide evidence for a possible interaction between retinoid and G-protein signaling pathways.,induction:By all-trans retinoic acid (ATRA).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the G-protein coupled receptor 3 family.,subcellular location:Localized in the plasma membrane and perinuclear vesicles.,tissue specificity: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),

## Research Area

## Image Data



Western blot analysis of lysates from RAW264.7 and COS7 cells, using GPRC5C Antibody. The lane on the right is blocked with the synthesized peptide.