

bs-15394R**[Primary Antibody]****GPRC5C Rabbit pAb****BioSS**
ANTIBODIES

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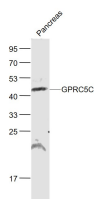
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep)
GeneID: 55890	SWISS: Q9NQ84	
Target: GPRC5C		Predicted MW.: 46 kDa
Immunogen: KLH conjugated synthetic peptide derived from human GPRC5C: 51-150/441. < Extracellular >		Subcellular Location: Cell membrane
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPRC5C (G protein-coupled receptor, family C, group 5, member C), also known as RAIG3, is a 441 amino acid multi-pass membrane protein that localizes to cytoplasmic vesicles and belongs to the G protein-coupled receptor family. Expressed at high levels in stomach, liver, prostate, kidney and pancreas, GPRC5C is thought to function as a retinoic acid-inducible GPR that may play a role in signaling events throughout the cell. GPRC5C is subject to DNA damage-dependent phosphorylation, probably by ATM or ATR.		

— VALIDATION IMAGES —

Sample: Pancreas (Mouse) Lysate at 40 ug
Primary: Anti- GPRC5C (bs-15394R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 46 kD Observed band size: 46 kD