bs-15394R

[Primary Antibody]

GPRC5C Rabbit pAb



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- DATASHEET		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal	-	Reactivity: Mouse (predicted: Human.
GenelD: 55890	SWISS: Q9NQ84	Rat, Pig, Sheep)
Target: GPRC5C		
Immunogen: KLH conjugated synthetic peptide derived from human GPRC5C: 51-150/441. < Extracellular >		Predicted MW.: ^{46 kDa}
Purification: affinity purified	by Protein A	Subcollular
Concentration: 1mg/ml		Location: Cell membrane
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