

bs-10433R**[Primary Antibody]****PTGFR Rabbit pAb****BioSS**
ANTIBODIES

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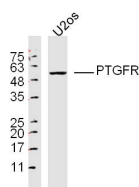
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 5737 Target: PTGFR Immunogen: KLH conjugated synthetic peptide derived from human PTGFR: 121-220/359. < Extracellular > 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: The protein encoded by this gene is member of the G-protein coupled receptor family. This protein is a receptor for prostaglandin F2-alpha (PGF2-alpha), which is known to be a potent luteolytic agent, and may also be involved in modulating intraocular pressure and smooth muscle contraction in uterus. Knockout studies in mice suggest that the interaction of PGF2-alpha with this receptor may initiate parturition in ovarian luteal cells and thus induce luteolysis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]	Isotype: IgG SWISS: P43088 Applications: WB (1:500-2000) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Dog, Horse) Predicted MW.: 40 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Protein: U2os(human) lysates at 40ug; Primary:
Anti-PTGFR (bs-10433R) at 1:300; Secondary:
HRP conjugated Goat-Anti-Rabbit
IgG(bse-0295G-HRP) at 1: 5000; ECL excited the
fluorescence; Predicted band size :40 kD
Observed band size :50 kD

— SELECTED CITATIONS —

- **[IF=1.66]** Xueqiang Qinet al. Effects of non-esterified fatty acids on relative abundance of prostaglandin E2 and F2α synthesis-related mRNA transcripts and protein in endometrial cells of cattle in vitro. Anim Reprod Sci . 2020 Oct;221:106549. IF ;Bovine. 32861111