#### bs-11411R

### [ Primary Antibody ]

# www.bioss.com.cn

# PTGFR Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GeneID:** 5737 **SWISS:** P43088

Target: PTGFR

Immunogen: KLH conjugated synthetic peptide derived from human PTGFR:

1-50/359. < 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 PGF2alpha 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]

Applications: WB (1:500-2000)

Reactivity: Human, Mouse

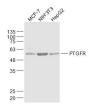
(predicted: Rat, Rabbit,

Dog, Horse)

Predicted 40 kDa MW.:

Subcellular Cell membrane

## VALIDATION IMAGES -



Sample: MCF-7(Human) Cell Lysate at 30 ug NIH/3T3(Mouse) Cell Lysate at 30 ug HepG2(Human) Cell Lysate at 30 ug Primary: Anti-PTGFR (bs-11411R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 40 kD Observed band size: 55 kD

#### SELECTED CITATIONS —

• [IF=5.4] Xinhua Li. et al. Wenjing Decoction exerts analgesic effects on cold coagulation and stasis PD through BDNF/ TRKB/CREB pathway. J ETHNOPHARMACOL. 2025 Jul::120220 WB, IHC; Rat. 40617361