

## PTGFR polyclonal antibody

Catalog: BS66109

Host: Rabbit

Reactivity: Human, Mouse

**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.

**Product:**

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**Molecular Weight:**

~ 55 kDa

**Swiss-Prot:**

P43088

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

WB: 1:500~1:2000

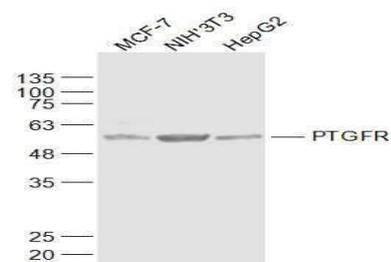
ELISA: 1:5000~1:10000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

PTGFR polyclonal antibody detects endogenous levels of PTGFR protein.

**DATA:**

Western blot (WB) analysis of PTGFR pAb at 1:1000 dilution

**Note:**

For research use only, not for use in diagnostic procedure.

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