

PTGFR Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15191**Specification**

PTGFR Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P43088
Other Accession	NM_000959 , NP_000950
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa kDa

PTGFR Antibody - C-terminal region - Additional Information**Gene ID** 5737**Alias Symbol** FP, MGC120498, MGC46203**Other Names**

Prostaglandin F2-alpha receptor, PGF receptor, PGF2-alpha receptor, Prostanoid FP receptor, PTGFR

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-PTGFR antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

PTGFR Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PTGFR Antibody - C-terminal region - Protein Information**Name** PTGFR**Function**

Receptor for prostaglandin F2-alpha (PGF2-alpha). The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. Initiates luteolysis in the corpus luteum (By similarity). Isoforms 2 to 7 do not bind PGF2-alpha but are proposed to modulate signaling by participating in variant receptor complexes; heterodimers between isoform 1 and isoform 5 are proposed to be a receptor for prostamides including the synthetic analog bimatoprost.

Cellular Location

Cell membrane; Multi-pass membrane protein.

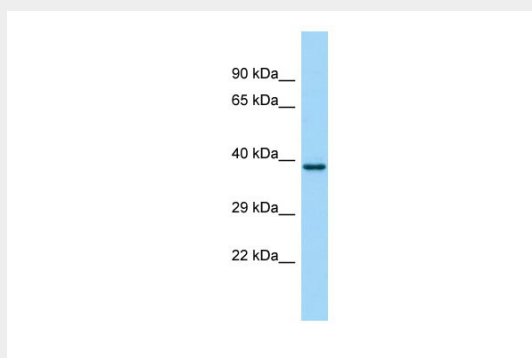
Tissue Location

Eye..

PTGFR Antibody - C-terminal region - Protocols

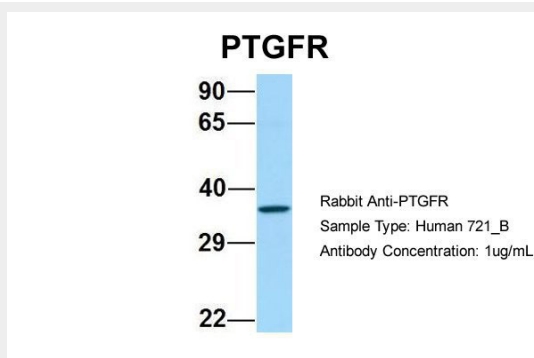
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTGFR Antibody - C-terminal region - Images

WB Suggested Anti-PTGFR Antibody Titration: 1.0 µg/ml

Positive Control: Fetal kidney



Host:Rabbit

Target Name:PTGFR

Sample Tissue:Human 721_B

Antibody Dilution: 1.0µg/mlPTGFR is supported by BioGPS gene expression data to be expressed in 721_B

PTGFR Antibody - C-terminal region - References

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Kunapuli P.,et al.J. Biol. Chem. 272:27147-27154(1997).
Kopatz S.A.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Vielhauer G.A.,et al.Arch. Biochem. Biophys. 421:175-185(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).