

Goat anti-PTGFR Antibody
Peptide-affinity purified goat antibody
Catalog # AF4412a

Specification

Goat anti-PTGFR Antibody - Product Information

Application	Pep-ELISA
Primary Accession	P43088
Other Accession	NP_000950.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	40055

Goat anti-PTGFR Antibody - Additional Information

Gene ID 5737

Other Names

PTGFR; prostaglandin F receptor (FP); FP; PGF receptor; PGF2 alpha receptor; PGF2-alpha receptor; prostaglandin F2 alpha receptor; prostaglandin F2-alpha receptor; prostaglandin receptor (2-alpha); prostanoid FP receptor

Dilution

Pep-ELISA~~N/A

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

This antibody is expected to recognize isoform a (NP_000950.1) only.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-PTGFR Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-PTGFR Antibody - 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..

Goat anti-PTGFR Antibody - 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](#)

Goat anti-PTGFR Antibody - Images