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Goat anti-PTGFR Antibody

Peptide-affinity purified goat antibody
Catalog # AF4412a

Product Information

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

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.

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..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.