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Anti-FP / PTGFR Antibody (Cytoplasmic Domain)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17564

Product Information

Application	IHC-P
Primary Accession	P43088
Predicted	Human, Mouse, Rabbit, Chicken, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40055
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	5737
Alias Symbol	PTGFR
Other Names	PTGFR, PGF receptor, PGF2-alpha receptor, Prostaglandin F receptor (FP), FP, PGF2 alpha receptor, Prostaglandin F receptor, Prostanoid FP receptor
Target/Specificity	Human PTGFR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-FP / PTGFR Antibody (Cytoplasmic Domain) 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'.