

# Anti-FP / PTGFR Antibody (Cytoplasmic Domain)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17564

## Product Information

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<b>Application</b>	IHC-P
<b>Primary Accession</b>	<a href="#">P43088</a>
<b>Predicted</b>	Human, Mouse, Rabbit, Chicken, Horse, Dog
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	40055
<b>Concentration (mg/ml)</b>	1 mg/ml

## Additional Information

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<b>Gene ID</b>	5737
<b>Alias Symbol</b>	PTGFR
<b>Other Names</b>	PTGFR, PGF receptor, PGF2-alpha receptor, Prostaglandin F receptor (FP), FP, PGF2 alpha receptor, Prostaglandin F receptor, Prostanoid FP receptor
<b>Target/Specificity</b>	Human PTGFR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
<b>Reconstitution &amp; Storage</b>	Immunoaffinity purified
<b>Precautions</b>	Anti-FP / PTGFR Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PTGFR
<b>Function</b>	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.
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Location</b>	Eye..

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