

Rabbit FP / PTGFR Polyclonal Antibody | anti-FP antibody

Rabbit Polyclonal to Human FP / PTGFR

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51250	Rabbit	Bat, Gibbon, Dog, Gorilla, Horse, Human, Pig, Rabbit Predicted Reactivity: Monkey, Mouse, Bovine, Sheep, Chicken (at least 90% immunogen sequence identity)	Immunohistochemistry

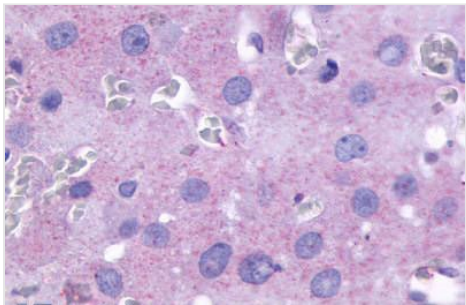
PRODUCT SYNONYMS

FP / PTGFR; Polyclonal Antibody; Rabbit Polyclonal to Human FP / PTGFR; Anti-FP / PTGFR Antibody (Cytoplasmic Domain) IHC-plus; PTGFR; PGF receptor; PGF2-alpha receptor; Prostaglandin F receptor (FP); FP; PGF2 alpha receptor; Prostaglandin F receptor; Prostanoid FP receptor; Human FP; anti-FP antibody

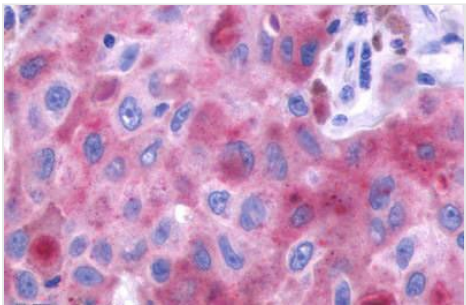
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Dog, Gorilla, Horse, Human, Pig, Rabbit Predicted Reactivity: Monkey, Mouse, Bovine, Sheep, Chicken (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PTGFR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	359
Applicable Applications for anti-FP antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 2nd cytoplasmic domain of human PTGFR. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Bat, Dog, Elephant, Panda, Rabbit, Horse, Pig (100%); Marmoset, Mouse, Sheep, Bovine.
Immunogen Type	Synthetic peptide
Immunogen	FP / PTGFR antibody was raised against synthetic 16 amino acid peptide from 2nd cytoplasmic domain of human PTGFR. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Bat, Dog, Elephant, Panda, Rabbit, Horse, Pig (100%); Marmoset, Mouse, Sheep, Bovine, Turkey, Chicken, Platypus (94%); Rat, Xenopus (88%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-PTGFR antibody IHC of human ovary. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-FP / PTGFR antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-FP antibody	The prostaglandin F2-alpha receptor is a member of the Prostanoid Receptor subfamily. Along with various other prostaglandin receptors, it mediates the effects of prostaglandin F(2-alpha) which include modulation of intraocular pressure, corpus luteum regression, and possibly uterine smooth muscle contraction. Alternative mRNA splicing gives rise to two isoforms, FP(A) and FP(B), that differ in their intracellular carboxyl termini and result in different mechanisms for receptor internalization.
Product Categories/Family for anti-FP antibody	Family: GPCR; Subfamily: Prostanoid

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506261
NCBI GeneID	5737
NCBI Accession #	NP_000950.1
NCBI GenBank Nucleotide #	NM_000959.3
UniProt Accession #	P43088; Q2KHP3; Q6RYQ6; Q9P1X4; A8K9Y0
Molecular Weight	30,766 Da
NCBI Official Full Name	prostaglandin F2-alpha receptor isoform a
NCBI Official Synonym Full Names	prostaglandin F receptor (FP)
NCBI Official Symbol	PTGFR
NCBI Official Synonym Symbols	FP
NCBI Protein Information	prostaglandin F2-alpha receptor; PGF receptor; PGF2 alpha receptor; PGF2-alpha receptor; prostanoid FP receptor; prostaglandin F2 alpha receptor; prostaglandin receptor (2-alpha)
UniProt Protein Name	Prostaglandin F2-alpha receptor
UniProt Gene Name	PTGFR
UniProt Synonym Gene Names	PGF receptor; PGF2-alpha receptor
UniProt Entry Name	PF2R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.