

PTGFR Polyclonal Antibody

Catalog NumberPA5-34130

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Dog, Chicken, Human, Rabbit
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	10 µg/mL
Immunogen	Synthetic 14 amino acid peptide from 1st cytoplasmic domain of human PTGFR.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Mouse, Elephant, Panda, Bat, Dog, Rabbit, Horse, Turkey, Chicken, Platypus (100%).

Background/Target Information

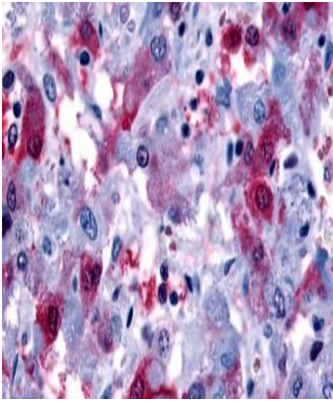
The protein encoded by this gene is member of the G-protein coupled receptor family. This protein is a receptor for prostaglandin F2-alpha (PGF2-alpha), which is known to be a potent luteolytic agent, and may also be involved in modulating intraocular pressure and smooth muscle contraction in uterus. Knockout studies in mice suggest that the interaction of PGF2-alpha with this receptor may initiate parturition in ovarian luteal cells and thus induce luteolysis. Two transcript variants encoding different isoforms have been found for this gene.

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**PTGFR Antibody (PA5-34130) in IHC (P)**  
Immunohistochemical analysis of formalin-fixed paraffin-embedded human adrenal, pheochromocytoma using a PTGFR polyclonal antibody (Product # PA5-34130). Heat-induced antigen retrieval was performed prior to staining.

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