

For Research Use Only

# PTGFR Polyclonal antibody

Catalog Number: 21595-1-AP



## Basic Information

<b>Catalog Number:</b> 21595-1-AP	<b>GenBank Accession Number:</b> BC112965	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 5737	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000 IF/ICC: 1:200-1:800
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P43088	
<b>Immunogen Catalog Number:</b> AG16173	<b>Full Name:</b> prostaglandin F receptor (FP)	
	<b>Calculated MW:</b> 359 aa, 40 kDa	
	<b>Observed MW:</b> 30-40 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> fetal human brain tissue, mouse brain tissue, rat brain tissue <b>IF/ICC :</b> PC-3 cells,

## Background Information

Prostanoid FP receptor (PTGFR) is a member of the G-protein coupled receptor family and is involved in several physiologic processes. PTGFR is a receptor for prostaglandin F<sub>2</sub>-alpha (PGF<sub>2</sub>-alpha), which is known to be a potent luteolytic agent, and may also be involved in modulating intraocular pressure and smooth muscle contraction in the uterus (PMID: 9235889).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

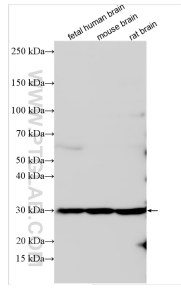
T: 4006900926

E: Proteintech-CN@ptglab.com

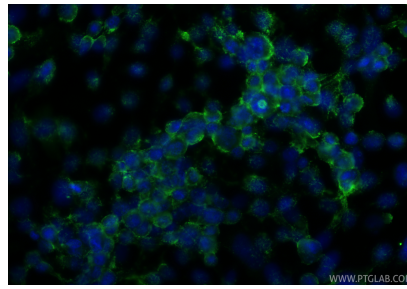
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21595-1-AP (PTGFR antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using PTGFR antibody (21595-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).