

For Research Use Only

PTGFR Polyclonal antibody, PBS Only

Catalog Number: 21595-1-PBS



Basic Information

| | | |
|---|--|--|
| Catalog Number: 21595-1-PBS | GenBank Accession Number: BC112965 | Purification Method: Antigen affinity purification |
| Source: Rabbit | GeneID (NCBI): 5737 | |
| Isotype: IgG | UNIPROT ID: P43088 | |
| Immunogen Catalog Number: AG16173 | Full Name: prostaglandin F receptor (FP) | |
| | Calculated MW: 359 aa, 40 kDa | |
| | Observed MW: 30-40 kDa | |

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

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 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 the uterus (PMID: 9235889).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

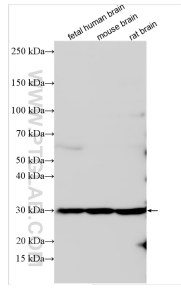
T: 4006900926

E: Proteintech-CN@ptglab.com

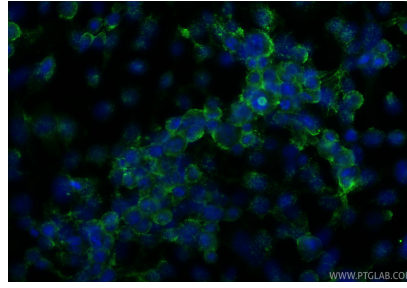
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 21595-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 21595-1-PBS in a different storage buffer formulation.