

For Research Use Only

# PTGIR Polyclonal antibody

Catalog Number:30657-1-AP



## Basic Information

<b>Catalog Number:</b> 30657-1-AP	<b>GenBank Accession Number:</b> BC075814	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5739	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P43119	
<b>Isotype:</b> IgG	<b>Full Name:</b> prostaglandin I2 (prostacyclin) receptor (IP)	
<b>Immunogen Catalog Number:</b> AG30653	<b>Calculated MW:</b> 386 aa, 41 kDa	
	<b>Observed MW:</b> 41-45kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, SGC-7901 cells
<b>Species Specificity:</b> human	

## Background Information

Prostaglandin I2 receptor (PTGIR), also known as IP, is a seven-transmembrane receptor that binds G proteins leading to activation of adenylyl cyclase and an increase in cAMP formation. PTGIR is involved in insulin secretion in pancreatic beta-cells and in permselectivity in glomerular podocytes.

## Storage

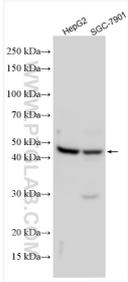
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.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 30657-1-AP (PTGIR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.