

For Research Use Only

PTGIR Polyclonal antibody

Catalog Number: 30657-1-AP



Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, SGC-7901 cells
Species Specificity: 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

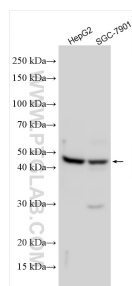
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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.