

For Research Use Only

PTGIR Polyclonal antibody

Catalog Number:30657-1-AP



Basic Information

Catalog Number:

30657-1-AP

Size:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30653

GenBank Accession Number:

BC075814

GeneID (NCBI):

5739

UNIPROT ID:

P43119

Full Name:

prostaglandin I2 (prostacyclin)
receptor (IP)

Calculated MW:

386 aa, 41 kDa

Observed MW:

41-45kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells, SGC-7901 cells

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 permeability 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

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

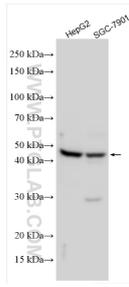
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.