

For Research Use Only

# CD42c Polyclonal antibody

Catalog Number: 55161-1-AP



## Basic Information

### Catalog Number:

55161-1-AP

### Size:

180 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_000407

### GeneID (NCBI):

2812

### UNIPROT ID:

P13224

### Full Name:

glycoprotein Ib (platelet), beta polypeptide

### Calculated MW:

43 kDa

### Observed MW:

26 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:8000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human

### Positive Controls:

WB : Human peripheral blood platelets,

## Background Information

CD42c, also known as platelet glycoprotein Ib beta chain (GP1BB), is a transmembrane protein containing a leucine-rich amino acid sequence (PMID: 3353370). CD42c is covalently linked to platelet glycoprotein Ib alpha chain (CD42b/GP1BA) to form GPIb, which is part of the Glycoprotein Ib-V-IX receptor (GPIb-V-IX) complex that constitutes the receptor for von Willebrand factor (VWF), and mediates platelet adhesion (PMID: 7660135). Mutations in the GP1BB gene have been associated with Bernard-Soulier syndrome, velocardiofacial syndrome, and giant platelet disorder.

## 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:

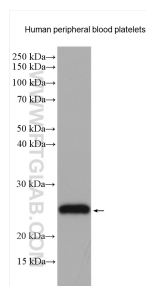
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 55161-1-AP (CD42c antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.