

For Research Use Only

CD42c Polyclonal antibody

Catalog Number: 32462-1-AP



Basic Information

Catalog Number:

32462-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36521

GenBank Accession Number:

NM_000407.4

GeneID (NCBI):

2812

UNIPROT ID:

P13224

Full Name:

glycoprotein Ib (platelet), beta polypeptide

Calculated MW:

22kDa, 206aa

Observed MW:

26 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

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:

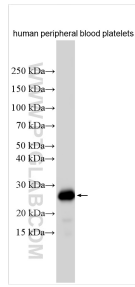
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 32462-1-AP (CD42c antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.