For Research Use Only

CD42b Polyclonal antibody

Catalog Number:12860-1-AP 40 Publications

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Basic Information

Catalog Number:
12860-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3893

GenBank Accession Number:
BC027955

GeneID (NCBI):
2811

ENSEMBL Gene ID:
ENSG00000185245

UNIPROT ID:
P07359

Full Name:
glycoprotein Ib (platelet), alpha polypeptide

Calculated MW:
626 aa, 69 kDa

Observed MW:
145 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:1000-1:8000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB, IHC, IF, ELISA

Species Specificity:
human, pig

Cited Species:
human, mouse, rat, pig

Positive Controls:

WB : Human peripheral blood platelets, pig peripheral blood leukocyte, human blood

Background Information

GP1BA, also named as CD42b , is a 145-kDa surface membrane protein of platelets, participates in the formation of platelet plugs by binding to the A1 domain of vWF, which is already bound to the subendothelium. It has a heterodimer form which composed of GP1BA and GP1BB.

Notable Publications

Author	Pubmed ID	Journal	Application
Folnetti A Alvarez	36114323	Breast Cancer Res Treat	WB
A Blaschitz	26388607	Placenta	IHC
Hai-Jian Sun	28868583	Immunol Res	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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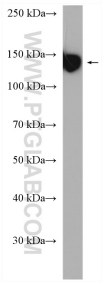
Selected Validation Data



Human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 12860-1-AP (CD42b antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.