

[Go to Product page](#)

## Datasheet for ABIN1886554 **anti-GP1BB antibody (AA 56-118)**

### Overview

Quantity:	100 µL
Target:	GP1BB
Binding Specificity:	AA 56-118
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GP1BB antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Synthetic peptide contain a sequence corresponding to a region within amino acids 56 and 118 of Human GP1BB
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	GP1BB
Alternative Name:	CD42c ( <a href="#">GP1BB Products</a> )
Background:	Platelet glycoprotein Ib (GPIb) is a heterodimeric transmembrane protein consisting of a disulfide-linked 140 kD alpha chain and 22 kD beta chain. It is part of the GPIb-V-IX system that constitutes the receptor for von Willebrand factor (VWF), and mediates platelet adhesion in the arterial circulation. GPIb alpha chain provides the VWF binding site, and GPIb beta contributes to

## Target Details

surface expression of the receptor and participates in transmembrane signaling through phosphorylation of its intracellular domain. Mutations in the GPIb beta subunit have been associated with Bernard-Soulier syndrome, velocardiofacial syndrome and giant platelet disorder. The 206 amino acid precursor of GPIb beta is synthesized from a 1.0 kb mRNA expressed in platelets and megakaryocytes. A 411 amino acid protein arising from a longer, unspliced transcript in endothelial cells has been described, however, the authenticity of this product has been questioned. Yet another less abundant GPIb beta mRNA species of 3.5 kb, expressed in nonhematopoietic tissues such as endothelium, brain and heart, was shown to result from inefficient usage of a non-consensus polyA signal within a separate gene (sepin 5) located upstream of this gene. In the absence of polyadenylation from its own imperfect site, the sepin 5 gene uses the consensus polyA signal of this gene. [provided by RefSeq]

Molecular Weight: 22 kDa

Gene ID: 2812

NCBI Accession: [NP\\_000398, NM\\_000407](#)

## Application Details

Application Notes: Suggested dilutions:  
Western blotting: 1.500-1.3000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: 0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: Biohazard Informations: This product contains thimerosal which is hazardous.

Storage: 4 °C/-20 °C

Storage Comment: Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.