10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GPVI Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10632

Specification

GPVI Antibody - Product Information

Application	**WB**
Primary Accession	Q9HCN6
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**36866**

GPVI Antibody - Additional Information

Gene ID 51206

Application & Usage	**Western blotting (0.5-4). However, the optimal conditions should be determined individually. The antibody recognizes ~58 kDa human GPVI. Jurkat cell lysate can be used as a positive control.**

Other Names
Glycoprotein VI , glycoprotein 6, GP6 , gp6, gp 6, platelet collagen receptor

Target/Specificity
GPV

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
GPVI Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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GPVI Antibody - Protein Information

Name GP6 (HGNC:14388)

Function
Collagen receptor involved in collagen-induced platelet adhesion and activation. Plays a key role in platelet procoagulant activity and subsequent thrombin and fibrin formation. This procoagulant function may contribute to arterial and venous thrombus formation. The signaling pathway involves the FcR gamma-chain, the Src kinases (likely FYN or LYN) and SYK, the adapter protein LAT and leads to the activation of PLCG2.

Cellular Location
[Isoform 1]: Cell membrane; Single-pass membrane protein

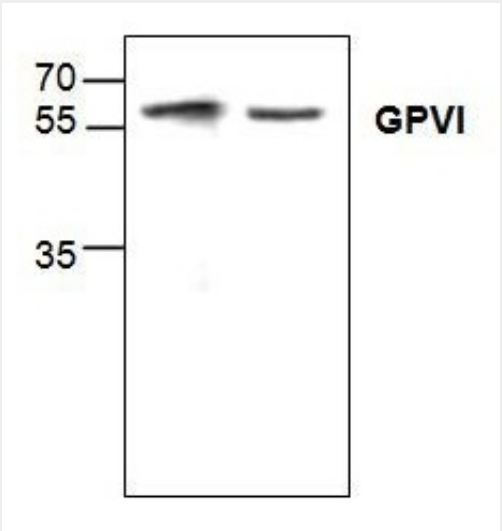
Tissue Location
Megakaryocytes and platelets.

GPVI Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPVI Antibody - Images



Western blot analysis of GPVI expression in Jurkat cell lysate (Lane 1, 2).

GPVI Antibody - Background

Glycoprotein VI (GPVI) is a membrane glycoprotein receptor for collagen found in platelets. GPVI plays an important role in platelet procoagulant activity and the formation of thrombin and fibrin.