

Rabbit GPVI Polyclonal Antibody | anti-GPVI antibody

GPVI Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302976	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

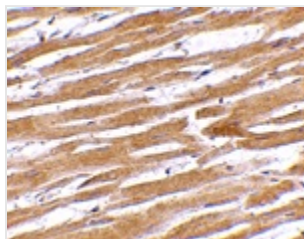
PRODUCT SYNONYMS

GPVI; Polyclonal Antibody; GPVI Antibody; Glycoprotein VI; GPIV; Platelet glycoprotein VI precursor; anti-GPVI antibody

PRODUCT SPECIFICATIONS

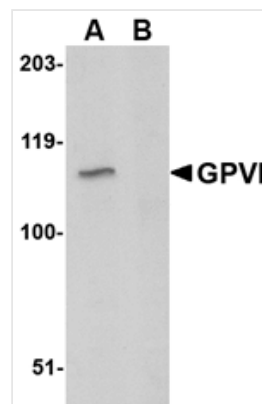
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	339
Applicable Applications for anti-GPVI antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide near the carboxy terminus of the human GPVI.
Target Name	GPVI
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of GPVI in human heart tissue with GPVI antibody at 10 ug/mL.



WB (Western Blot)

Western blot analysis of GPVI in A20 lysate with GPVI antibody at 1ug/mL in either the absence or (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GPVI antibody	Glycoprotein VI (GP6) is a 58kD platelet membrane glycoprotein that plays a crucial role in the collagen-induced activation and aggregation of platelets. It is uniquely expressed by cells of the megakaryocytic/platelet lineage, and is a member of the immunoglobulin gene superfamily, closely related to Fc receptor gamma chain (FcRgamma) and natural killer receptors. Glycoprotein VI 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 FcRgamma, the Src kinases (likely Fyn/Lyn), the adapter protein LAT and leads to the activation of phospholipase C gamma2. GPVI deficiency can result in bleeding disorders. Further study should reveal the extent of GPVI involvement in thrombotic disease and allow the development of alternative anti-thrombotic compounds.
Product Categories/Family for anti-GPVI antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	563580296
NCBI GeneID	51206
NCBI Accession #	NP_057447
NCBI GenBank Nucleotide #	NM_016363.5
Molecular Weight	67,476 Da
NCBI Official Full Name	platelet glycoprotein VI isoform 2
NCBI Official Synonym Full Names	glycoprotein VI (platelet)
NCBI Official Symbol	GP6
NCBI Official Synonym Symbols	GPV; GPVI; BDPLT11
NCBI Protein Information	platelet glycoprotein VI
UniProt Protein Name	Platelet glycoprotein VI
UniProt Gene Name	GP6
UniProt Synonym Gene Names	GPVI
UniProt Entry Name	GPVI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpvi-antibody-immunohistochemistry-western-blot-elisa/302976>