

GPVI Rabbit pAb

CatalogNo: YN2125 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 55kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein. AA 21-50. AA range:92-192**Specificity** GPVI Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name GP6

Protein Name Platelet glycoprotein VI (GPVI) (Glycoprotein 6)

Organism	Gene ID	UniProt ID
Human	51206 ;	Q9HCN6 ;
Mouse		P0C191 ;

Cellular Localization [Isoform 1]: Cell membrane; Single-pass membrane protein.; [Isoform 2]: Cell membrane; Single-pass membrane protein.

Tissue specificity Megakaryocytes and platelets.

Function Disease:Patients deficient in GPVI suffer from mild hemorrhagic diathesis and their platelets fail to aggregate in response to collagen.,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/Lyn), the adapter protein LAT and leads to the activation of phospholipase C gamma2.,PTM:N-linked glycosylation at Asn-92 is not required for the cell surface expression, but contributes to maximal adhesion to type I collagen, collagen-related peptide (CRP), and, to a lesser extent, to the snake venom C-type lectin convulxin (CVX).,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Associated with Fc receptor gamma chain. The GPVI-FcRgamma complex is associated with the Src kinase family Fyn and Lyn.,tissue specificity:Megakaryocytes and platelets.,

Validation Data

Contact information

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GPVI Rabbit pAb

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