Anti-Human/Mouse/Rat CD42d Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA06516

3th Edition

Description: Human platelet glycoprotein V (GP5) is a part of the Ib-V-IX system of surface glycoproteins that constitute the receptor for von Willebrand factor (VWF; MIM 613160) and mediate the adhesion of platelets to injured vascular surfaces in the arterial circulation, a critical initiating event in hemostasis. The main portion of the receptor is a heterodimer composed of 2 polypeptide chains, an alpha chain (GP1BA; MIM 606672) and a beta chain (GP1BB; MIM 138720), that are linked by disulfide bonds. The complete receptor complex includes noncovalent association of the alpha and beta subunits with platelet glycoprotein IX (GP9; MIM 173515) and GP5. Mutations in GP1BA, GP1BB, and GP9 have been shown to cause Bernard-Soulier syndrome (MIM 231200), a bleeding disorder.GP5 (Glycoprotein V Platelet) is a Protein Coding gene. Diseases associated with GP5 include Ureter Urothelial Papilloma and Ureter Inverted Papilloma. Among its related pathways are Formation of Fibrin Clot (Clotting Cascade) and Response to elevated platelet cytosolic Ca2+. GO annotations related to this gene include collagen binding. An important paralog of this gene is LRRC15.

Antigen: Synthesized peptide derived from the Internal region of human CD42d.

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Platelets and megakaryocytes.