

Von Willebrand Factor Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251228

Unit: 0.1 mg

Description:

Von Willebrand Factor (VWF) plays a role in the maintenance of hemostasis, where it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. It also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma. Defects in VWF are the cause of von Willebrand disease (VWD), a group of hemorrhagic disorders in which the von Willebrand factor is either quantitatively or qualitatively abnormal, resulting in altered platelet function. Symptoms vary depending on severity and disease type but may include prolonged bleeding time, deficiency of factor VIII and impaired platelet adhesion.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

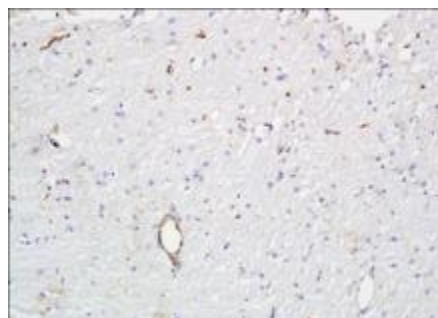
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Vwf; vWF; von Willebrand factor; F8VWF; von Willebrand antigen 2; von Willebrand antigen II; VWF

Accession No.: P04275

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Von Willebrand Factor.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



VWF staining in rat brain. Formalin-fixed paraffin-embedded rat brain is stained with von Willebrand Factor Antibody (Cat. No. 251228) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Wang X. et al. 2013. Stroke. 2014. 45(2): 619-622. PMID# 24368559.

For research use only, not for diagnostic or therapeutic procedures.