

Product Datasheet

VWF Antibody

Catalog No: CY6592

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P04275

All Names: VWF; von Willebrand factor; von Willebrand antigen II; F8VWF;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 309 kDa

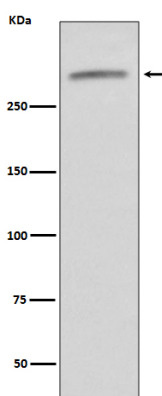
Application

WB 1:500~1:2000

IHC 1:50~1:200

Background

VWF (Von Willebrand factor) is a multimeric plasma glycoprotein that promotes adhesion of platelets to sites of vascular injury. Mature circulating VWF is made up of disulfide-bonded multimers that are in a complex with factor VIII. VWF is stored in secretory Weibel-Palade bodies in endothelial cells. It is synthesized as a large precursor protein and undergoes extensive posttranslational modifications including dimerization in the endoplasmic reticulum followed by cleavage of the pro-peptide and multimerization in the Golgi apparatus. VWF is important in hemostasis, and genetic defects in the structure and modification of VWF can cause von Willebrand disease (VWD), the most common congenital bleeding disorder in humans.



Western blot analysis of VWF expression in Human serum lysate.

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