

VWF polyclonal antibody

Catalog: AP6002

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Von Willebrand disease is a congenital bleeding disorder caused by defects in the von Willebrand factor protein (VWF). VWF is a multimeric glycoprotein that is found in endothelial cells, plasma and platelets, and it is involved in the coagulation of blood at injury sites. VWF acts as a carrier protein for Factor VIII, a cofactor required for coagulation, and it promotes platelet adhesion and aggregation. Several factors are known to stimulate the binding of VWF to platelets, including glycoprotein 1b, ristocetin, botrocetin, collagen, sulphatides and heparin. Of the several domains contained within VWF, the A1, A2 and A3 domains have been shown to mediate this activation. VWF is thought to undergo a variety of post-translational modifications that influence the affinity and availability for Factor VII, including cleavage of the pro-peptide and formation of N-terminal intersubunit disulfide bonds.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 309 kDa

Swiss-Prot:

P04275

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

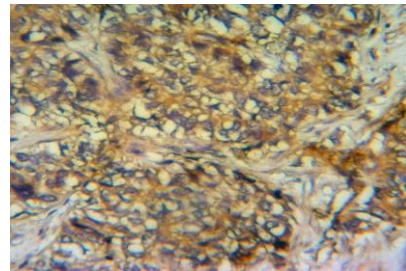
IHC: 1:50~1:200

Storage&Stability:

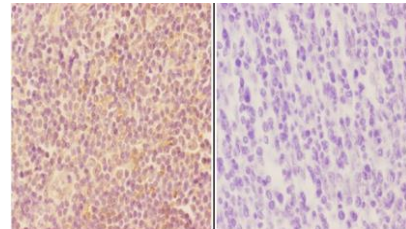
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

VWF polyclonal antibody detects endogenous levels of VWF protein.

DATA:

Immunohistochemistry (IHC) analyzes of VWF pAb in paraffin-embedded human colon carcinoma tissue at 1:50, showing cytoplasm staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



AP6002
Lot:AA34151

Immunohistochemistry (IHC) analyzes of VWF pAb in paraffin-embedded human tonsil carcinoma tissue at 1:50, showing cytoplasm staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

For research use only, not for use in diagnostic procedure.

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