

## VWF polyclonal antibody

Catalog: BS91446

Host: Rabbit

Reactivity: Human

### 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(Human)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000-1:5,000

IHC:1:50-1:200

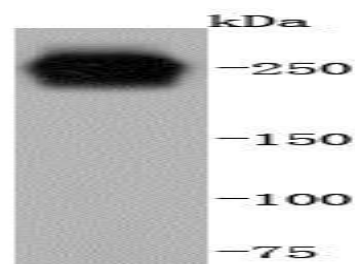
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

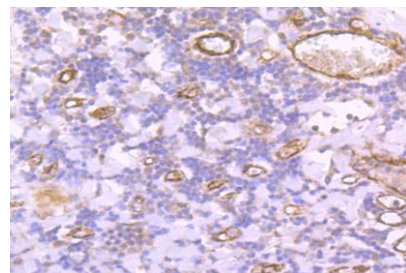
### Specificity:

VWF polyclonal antibody detects endogenous levels of VWF protein.

### DATA:



Western blot analysis of Von Willebrand Factor on human lung lysates using anti-Von Willebrand Factor antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Von Willebrand Factor antibody. Counter stained with hematoxylin.

### Note:

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

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