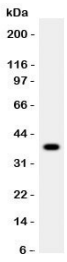
von Willebrand Factor Antibody (R31686)

Catalog No.	Formulation	Size
R31686	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

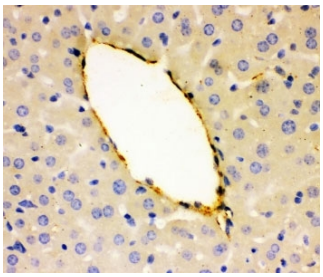
Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	22371
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This von Willebrand Factor antibody is available for research use only.

Western blot testing of von Willebrand Factor antibody and mouse lung tissue. Predicted molecular weight ~309 kDa.



Western blot testing of von Willebrand Factor antibody and recombinant mouse protein (0.5ng)



IHC-P: vWF antibody testing of mouse liver tissue. HIER: steamed antigen retrieval with pH6 citrate buffer

Description

Von Willebrand Factor is a blood glycoprotein involved in hemostasis. The VWF gene encodes a large multimeric glycoprotein that plays a central role in the blood coagulation system, serving both as a major mediator of platelet-vessel wall interaction and platelet adhesion, and as a carrier for coagulation factor VIII. vWF released from endothelial cell Weibel-Palade bodies bound particularly avidly to the extracellular matrix. Deficiency or dysfunction (von Willebrand disease) leads to a bleeding tendency, which is most apparent in tissues having high blood flow shear in narrow vessels.

Application Notes

Variations in secondary/substrate sensitivities and test protocols may require the von Willebrand Factor antibody to be titrated for optimal performance.

Immunogen

Mouse partial recombinant protein (AA 1304-1452) was used as the immunogen for this von Willebrand Factor antibody.

Storage

The von Willebrand Factor antibody can be stored at 4oC to -20oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freeze/thaws.