

Datasheet for ABIN3042349
anti-VWF antibody (AA 1304-1452)

3 Images

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Overview

Quantity:	100 µg
Target:	VWF
Binding Specificity:	AA 1304-1452
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VWF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for von Willebrand factor(VWF) detection. Tested with WB, IHC-P in Mouse,Rat.
Immunogen:	E.coli-derived mouse VWF recombinant protein (Position: M1304-E1452).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for von Willebrand factor(VWF) detection. Tested with WB, IHC-P in Mouse,Rat.</p> <p>Gene Name: von Willebrand factor</p> <p>Protein Name: von Willebrand factor</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	VWF
Alternative Name:	VWF (VWF Products)
Background:	<p>Von Willebrand factor (VWF) is a blood glycoprotein involved in hemostasis. It is mapped to 12p13.31. The VWF gene encodes von Willebrand factor (VWF), 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. VWF 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.</p> <p>Synonyms: Coagulation factor VIII antibody Coagulation factor VIII VWF antibody F8VWF antibody Factor VIII related antigen antibody von Willebrand antigen 2 antibody Von Willebrand antigen II antibody Von Willebrand disease antibody VWD antibody VWF antibody VWF_HUMAN antibody</p>
Gene ID:	22371

Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse, Rat, The detection limit for VWF is approximately 0.25 ng/lane under reducing conditions.</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Publications

Product cited in: You, Zhang, Li, Li, Li, Li, Zhu, Peng, Sun: "Cloning and molecular characterization of phospholipase D (PLD) delta gene from longan (Dimocarpus longan Lour.)." in: **Molecular biology reports**, Vol. 41, Issue 7, pp. 4351-60, (2014) ([PubMed](#)).

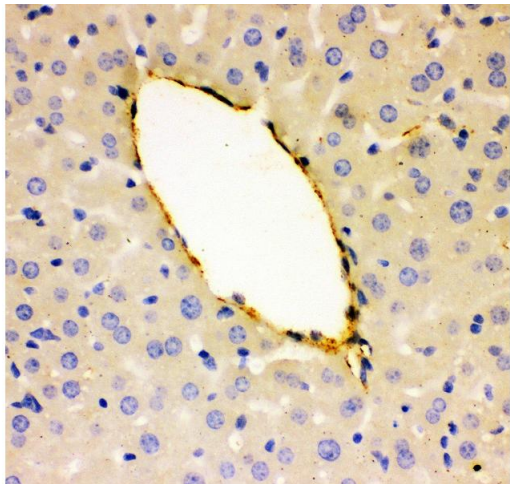
There are more publications referencing this product on: [Product page](#)

Validation report #300033 for Immunohistochemistry (IHC)



Western Blotting

Image 1.



Immunohistochemistry

Image 2. Anti- VWF Picoband antibody, IHC(P) IHC(P):
Mouse Liver Tissue



Western Blotting

Image 3. Anti- VWF Picoband antibody, Western blotting All
lanes: Anti VWF at 0.5ug/ml WB: Mouse Lung Tissue Lysate
at 50ug Predicted bind size: 309KD Observed bind size:
309KD