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VWF (C) Antibody, Rabbit Polyclonal

Cat#: R0246-1

Quantity: 100 ul

Predicted M.W.: 309 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P04275

Background:

von Willebrand factor (VWF) is a multimeric secreted plasma protein important in the maintenance of hemostasis. VWF promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. VWF also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma. Defects in VWF are the cause of von Willebrand disease.

Other Names:

von Willebrand factor, vWF, F8VWF

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human VWF. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

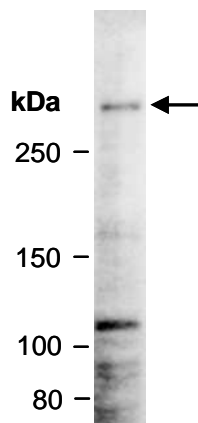


Fig 1. Western blot of total cell extracts from human HeLa, using Ab (R0246-1) at RT for 2 h.