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Anti-Von Willebrand Factor Antibody

Catalog # AP61440

Product Information

Application	WB, IHC
Primary Accession	P04275
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	309265

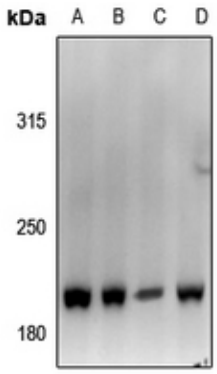
Additional Information

Gene ID	7450
Other Names	F8VWF; von Willebrand factor; vWF
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Von Willebrand Factor. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

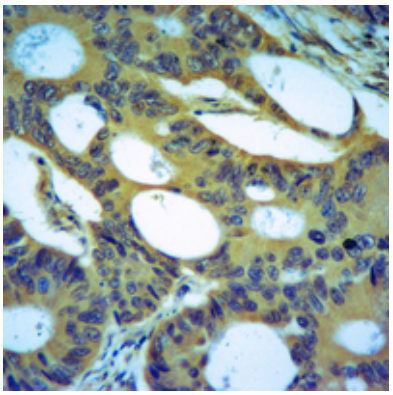
Protein Information

Name	VWF
Synonyms	F8VWF
Function	Important in the maintenance of hemostasis, it 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. 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.
Cellular Location	Secreted. Secreted, extracellular space, extracellular matrix. Note=Localized to storage granules
Tissue Location	Plasma.

Images



Western blot analysis of Von Willebrand Factor expression in mouse brain (A), rat brain (B), LOVO (C), HCT116 (D) whole cell lysates. (Predicted band size: 309 kD; Observed band size: 225 kD)



Immunohistochemical analysis of Von Willebrand Factor staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.