



# Anti-Von Willebrand factor polyclonal antibody (DPABH-19556)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Target</b>	Von Willebrand factor
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 1100 - 1200 of Human Von Willebrand Factor.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Constituents: 1% BSA, PBS, pH 7.4
<b>Preservative</b>	0.02% Sodium Azide

<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">VWF von Willebrand factor [ Homo sapiens ]</a>
<b>Official Symbol</b>	VWF
<b>Synonyms</b>	VWF; von Willebrand factor; VWD; F8VWF; coagulation factor VIII VWF;
<b>Entrez Gene ID</b>	<a href="#">7450</a>
<b>Protein Refseq</b>	<a href="#">NP_000543.2</a>
<b>UniProt ID</b>	<a href="#">P04275</a>
<b>Pathway</b>	Blood Clotting Cascade; Complement and coagulation cascades; ECM-receptor interaction; Focal Adhesion
<b>Function</b>	chaperone binding; collagen binding; glycoprotein binding; identical protein binding