



Rabbit Anti-Human VWF (aa 1-273) polyclonal antibody (CABT-L6475Z)

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

PRODUCT INFORMATION

Immunogen	VWFpp Fusion Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	WB 1:1000-1:4000; IP 0.5-4.0 ug Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	0.45 mg/ml
Size	20 µl, 150 µl
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Preservative	0.02% sodium azide
Storage	Store at -20°C. Stable for one year after shipment. Aliquoting is unnecessary for -20oC storage. 20ul sizes contain 0.1% BSA.

BACKGROUND

Introduction

Von Willebrand factor (vWF) is a large multimeric glycoprotein that is crucial to the hemostasis process. It supports platelet adhesion and carries factor VIII (FVIII). Deficiency of vWF results in von Willebrand disease (vWD), a common inherited bleeding disorder. The pre-pro-vWF is comprised of 2,813 amino acids (aa) which encompass a 22-aa signal peptide, a 741-aa large propeptide (vWF propeptide, vWFpp, also called von Willebrand antigen 2) and 2,050 aa making up the mature vWF. The von Willebrand antigen 2 is required for multimerization of vWF and for its targeting to storage granules. This antibody raised against the N-terminal region of pre-pro-vWF recognizes von Willebrand antigen 2 (75-100 kDa) and pro-vWF (309-320 kDa).
