VWF Polyclonal Antibody

Catalog No	BYab-06901
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	IHC;IF
Gene Name	VWF F8VWF
Protein Name	von Willebrand factor (vWF) [Cleaved into: von Willebrand antigen 2 (von Willebrand antigen II)]
Immunogen	Synthesized peptide derived from part region of human protein AA range: 911-960
Specificity	VWF Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-300. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	309kD
Cell Pathway	Secreted . Secreted, extracellular space, extracellular matrix . Localized to storage granules.
Tissue Specificity	Plasma.
Function	disease:Defects in VWF are associated with various forms of von Willebrand disease (VWD) [MIM:193400, 277480]. VWD is characterized by frequent bleeding (gingival, minor skin quantitative lacerations, menorrhagia, etc.). Type I VWD is associated with a deficiency of VWF; type II by normal to decreased plasma level of VWF; type III by a virtual absence of VWF. There are subtypes (A to H) of type II VWD; for example: type IIA is characterized by the absence of VWF high molecular weight multimers in plasma.,domain:The von Willebrand antigen 2 is required for multimerization of vWF and for its targeting to storage granules.,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 coagu
Background	This gene encodes a glycoprotein involved in hemostasis. The encoded preproprotein is proteolytically processed following assembly into large multimeric complexes. These complexes function in the adhesion of platelets to sites of vascular injury and the transport of various proteins in the blood. Mutations in this gene result in von Willebrand disease, an inherited bleeding disorder. An unprocessed pseudogene has been found on chromosome 22. [provided by RefSeq, Oct 2015],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).