VWF Rabbit pAb

CatalogNo: YN2038

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- IHC,IF

MW
- 309kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

IHC 1:50-300
IF 1:50-200

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from part region of human protein AA range: 911-960
Specificity	VWF Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name	VWF F8VWF

Protein Name von Willebrand factor (vWF) [Cleaved into: von Willebrand antigen 2 (von Willebrand antigen II)]

Organism	Gene ID	UniProt ID
Human	7450;	P04275;
Mouse		Q8CIZ8;
Rat		Q62935;

Cellular Localization 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 coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma.,online information:von Willebrand factor (vWF) mutation db,online information:Von Willebrand factor entry,PTM:All cysteine residues are involved in intrachain or interchain disulfide bonds.,similarity:Contains 1 CTCK (C-terminal cystine knot-like) domain.,similarity:Contains 3 VWFA domains.,similarity:Contains 3 VWFC domains.,similarity:Contains 4 TIL (trypsin inhibitory-like) domains.,similarity:Contains 4 VWFD domains.,subcellular location:Localized to storage granules.,subunit:Multimeric. Interacts with F8.,tissue specificity:Plasma.,

Validation Data

Contact information

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Please scan the QR code to access additional product information:
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