

Nur für Forschungszwecke

# VWF Polyklonaler Antikörper

Katalog-Nr.: 27186-1-AP

18 Publikationen



## Allgemeine Informationen

Katalog-Nr.:

27186-1-AP

Größe:

150ul, Konzentration: 600 µg/ml von Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG25578

GenBank-Zugangsnummer:

GeneID (NCBI):

7450

Vollständiger Name:

von Willebrand factor

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

IHC 1:50-1:500

IF 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

IF, IHC, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

IHC: humanes Tonsillitisgewebe, Maushirngewebe, Rattenhirngewebe

IF: humanes Tonsillitisgewebe,

## Hintergrundinformationen

Von Willebrand factor (VWF) is a large multimeric glycoprotein found in blood plasma involved in hemostasis following vascular injury. Due to the multimeric nature of VWF, it can range in size from 500 to 20,000 kDa due to the differences in the number of subunits comprising the protein. Each subunit is approximately 250 kDa (PMID: 9759493). The biosynthesis of VWF in vivo is limited to endothelial cells (PMID: 4209883) and megakaryocytes (PMID: 2413071). VWF synthesized in endothelial cells is either released directly into the plasma via 27186a secretory pathway, or tubulized and stored in organelles unique to this cell type called Weibel-Palade bodies (PMID: 16459301). Whereas VWF synthesized in megakaryocytes is stored in the alpha granules of platelets (PMID: 2046403). The primary function of VWF is as an adhesive plasma glycoprotein, particularly factor VIII; an essential blood-clotting protein (PMID: 6982084). VWF is also important in platelet adhesion to wound sites by binding specifically to type I and type III collagen (PMID: 11098050), with larger VWF multimers being most effective (PMID: 24448155).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiaodong Cui	34592781	J Cell Mol Med	IF
Xiaoxiong Song	36183951	J Ethnopharmacol	WB,IF
Wang Chen	36430539	Int J Mol Sci	IHC

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

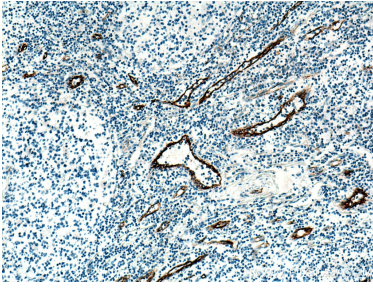
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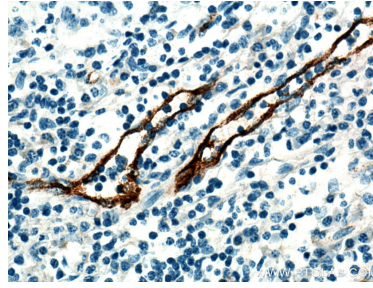
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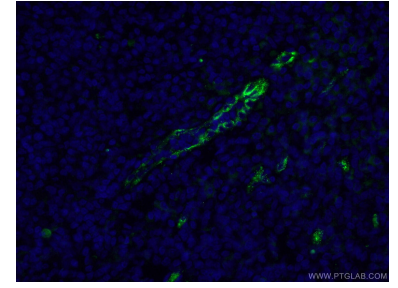
## Ausgewählte Validierungsdaten



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27186-1-AP (VWF antibody) at dilution of 1:200 (under 10x lens). Proteolytic pre-treatment mediated antigen retrieval with .



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27186-1-AP (VWF antibody) at dilution of 1:200 (under 40x lens). Proteolytic pre-treatment mediated antigen retrieval with .



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 27186-1-AP (vWF antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).