

# VWF, VWFpp Polyclonal antibody

Catalog Number: 11778-1-AP

96 Publications

## Basic Information

## Catalog Number:

11778-1-AP

## Size:

267 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG2386

## GenBank Accession Number:

.

## GeneID (NCBI):

7450

## UNIPROT ID:

P04275

## Full Name:

von Willebrand factor

## Calculated MW:

309 kDa

## Observed MW:

309-320 kDa, 75-100 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

## Tested Applications:

WB, IP, ELISA

## Cited Applications:

WB

## Species Specificity:

human, mouse, rat

## Cited Species:

human, rat, mouse, monkey, pig

## Positive Controls:

WB : HUVEC cells, Jurkat cells, human placenta tissue, mouse spleen tissue, rat spleen tissue

IP : mouse spleen tissue,

## Background Information

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). (PMID: 9759493; 12067899; 22452980; 8874191)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yixin Ren	30372905	Biomed Pharmacother	
Xiuyue Song	36171979	J Tissue Eng	
Yongzhong Mao	34525946	J Physiol Sci	WB

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

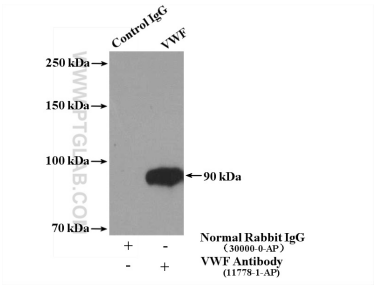
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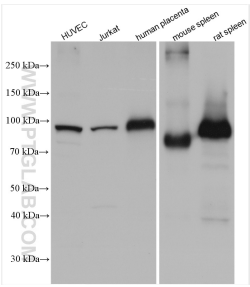
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Selected Validation Data



IP result of anti-VWF, VWFpp (IP:11778-1-AP, 4ug; Detection:11778-1-AP 1:300) with mouse spleen tissue lysate 5200ug.



Various lysates were subjected to SDS PAGE followed by western blot with 11778-1-AP (VWF, VWFpp antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.