

Goat anti-Human VWF / Von Willebrand Factor Polyclonal Antibody | anti-VWF antibody

Goat Polyclonal (IgG) to Human VWF / Von Willebrand Factor

CATALOG # AAA50931	HOST Goat	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

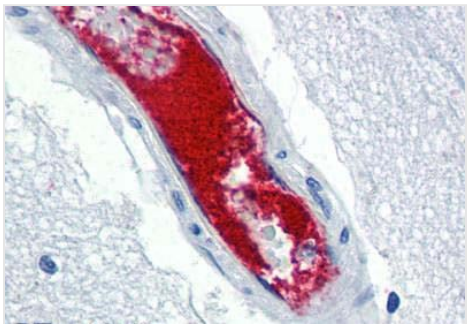
VWF / Von Willebrand Factor; Polyclonal Antibody; Goat Polyclonal (IgG) to Human VWF / Von Willebrand Factor; Anti-VWF / Von Willebrand Factor Antibody IHC-plus; VWF; Coagulation factor VIII VWF; F8VWF; VWD; Von Willebrand factor; Human VWF; Von Willebrand Factor; anti-VWF antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes human vWF.
Purity/Purification	Caprylic acid and ammonium sulfate precipitations, followed by Protein G affinity chromatography
Form/Format	10 mM HEPES, 0.15 M sodium chloride, pH 7.4, 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	2813
Applicable Applications for anti-VWF antibody	ELISA, IHC (Immunohistochemistry)
Target Species	VWF / von Willebrand
Immunogen	VWF / Von Willebrand Factor antibody was raised against human Human von Willebrand Factor (vWF) purified from plasma.
Immunogen Type	Purified protein
Immunogen Species	VWF / Von Willebrand Factor antibody was raised against human
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
	Preparation and Storage Short term: store at 4°C. Long term: store at -20°C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-VWF antibody IHC of human brain, cortex, vessel. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	89191868
NCBI GeneID	7450
NCBI Accession #	NP_000543.2
NCBI GenBank Nucleotide #	NM_000552.3
UniProt Accession #	P04275; Q8TCE8; Q99806
NCBI Official Full Name	von Willebrand factor preproprotein
NCBI Official Synonym Full Names	von Willebrand factor
NCBI Official Symbol	VWF
NCBI Official Synonym Symbols	VWD; F8VWF
NCBI Protein Information	von Willebrand factor; coagulation factor VIII VWF
UniProt Protein Name	von Willebrand factor
UniProt Gene Name	VWF
UniProt Synonym Gene Names	F8VWF; vWF
UniProt Entry Name	VWF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vwf-von-willebrand-factor-antibody-immunohistochemistry-elisa/50931>