

Product datasheet

Anti-Factor V antibody - N-terminal ab200680

1 Image

Overview

Product name	Anti-Factor V antibody - N-terminal
Description	Rabbit polyclonal to Factor V - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Rat, Human
Immunogen	Synthetic peptide within Human Factor V aa 19-64 (N terminal). The exact sequence is proprietary. Sequence: VGWGSQGTAAQLRQFYAAQGISWSYRPEPTNSSL NLSVTSFKKI Database link: P12259
	Run BLAST with Run BLAST with
Positive control	HEK293T and PC12 whole cell lysates.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.097% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Purification notes	Purity is > 95% (by SDS-PAGE).
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab200680** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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WB		Use at an assay dependent concentration. Predicted molecular weight: 252 kDa.
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Target

Function Central regulator of hemostasis. It serves as a critical cofactor for the prothrombinase activity of factor Xa that results in the activation of prothrombin to thrombin.

Tissue specificity Plasma.

Involvement in disease Factor V deficiency
Thrombophilia due to activated protein C resistance
Budd-Chiari syndrome
Ischemic stroke
Pregnancy loss, recurrent, 1

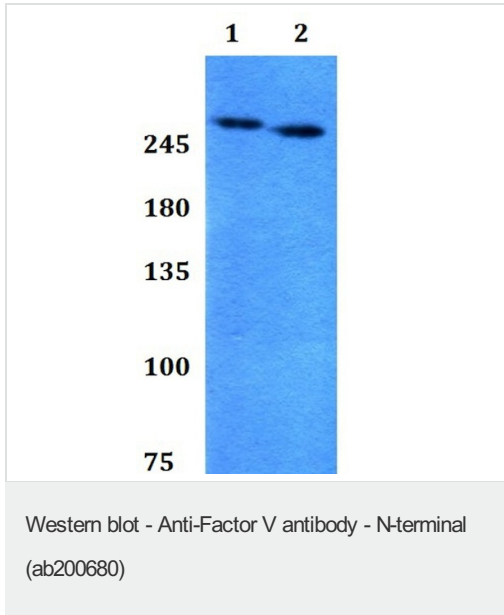
Sequence similarities Belongs to the multicopper oxidase family.
Contains 3 F5/8 type A domains.
Contains 2 F5/8 type C domains.
Contains 6 plastocyanin-like domains.

Domain Domain B contains 35 x 9 AA tandem repeats, and 2 x 17 AA repeats.

Post-translational modifications Thrombin activates factor V proteolytically to the active cofactor, factor Va (formation of a heavy chain at the N-terminus and a light chain at the C-terminus).
Sulfation is required for efficient thrombin cleavage and activation and for full procoagulant activity.
Activated protein C inactivates factor V and factor Va by proteolytic degradation.
Phosphorylation sites are present in the extracellular medium.

Cellular localization Secreted.

Images



All lanes : Anti-Factor V antibody - N-terminal (ab200680)

Lane 1 : HEK293T whole cell lysate

Lane 2 : PC12 whole cell lysate

Predicted band size: 252 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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