

Product datasheet

Biotin Anti-Factor V antibody ab48230

Overview

Product name	Biotin Anti-Factor V antibody
Description	Biotin Rabbit polyclonal to Factor V
Host species	Rabbit
Conjugation	Biotin
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Human
Immunogen	Full length native Factor V purified from plasma (Human).
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.50 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 50% Glycerol
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab48230 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
ELISA		Use at an assay dependent concentration. The antibody sensitivity is at 0.7 pg/ml.

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.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors