

Anti-Factor VII/F7 Antibody Picoband®

Catalog Number: PA2060

About F7

F7 (Coagulation Factor VII), also known as proconvertin, is one of the proteins that causes blood to clot in the coagulation cascade. It is an enzyme of the serine protease class. The F7 gene maps to chromosome 13q34 (Millar et al., 2000). Synthesis of factors VII and X, as well as factors II and IX, takes place in the liver and requires vitamin K. Structural homologies of these factors, which are precursors of serine proteases, have been shown (Zur and Nemerson, 1981). Di Bitondo et al. (2002) used [reporter gene](#) analysis to show that inclusion of promoter regions of F7 reduced transcription activity in the presence of estrogenic factors. The effect was independent of promoter polymorphic haplotype.

Overview

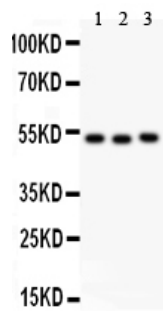
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| Product Name | Anti-Factor VII/F7 Antibody Picoband® |
| Reactive Species | Human |
| Description | Boster Bio Anti-Factor VII/F7 Antibody catalog # PA2060. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Application | WB |
| Clonality | Polyclonal |
| Formulation | Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P08709 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human Factor VII. |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot. |
| Cross Reactivity | No cross-reactivity with other proteins |

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| Isotype | Rabbit IgG |
| Form | Lyophilized |
| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 0.1-0.5ug/ml, Human |

Anti-Factor VII/F7 Antibody Picoband® (PA2060) Images



Anti-Factor VII antibody, PA2060, Western blotting
All lanes:
Anti Factor VII (PA2060) at 0.5ug/ml
Lane 1: SMMC Whole Cell Lysate at 40ug
Lane 2: JURKAT Whole Cell Lysate at 40ug
Lane 3: RAJI Whole Cell Lysate at 40ug
Predicted bind size: 52KD
Observed bind size: 52KD

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Anti-Factor VII/F7 Antibody

For Research Use Only. Not for use in diagnostic procedures.