

## Anti-Factor VII/F7 Antibody

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

Product Name	Anti-Factor VII/F7 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Factor VII/F7 Antibody catalog # PA2060. Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
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

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Factor VII.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Human</p>

## Anti-Factor VII/F7 Antibody (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

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Factor VII/F7 Antibody