

## Anti-protein C Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 29/52 kDa. Actual: 35 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: Lane 1: Recombinant human PROC protein Primary: Anti-protein C (TMAB-11808) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 29/52 kDa Observed band size: 35 kDa
Application:	WB
Recommended	WB: 1:500-1000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: human PROC protein
Antigen Species:	Human
Gene ID:	5624
Uniprot ID:	P04070

## Research Background

This gene encodes a vitamin K-dependent plasma glycoprotein. The encoded protein is cleaved to its activated form by the thrombin-thrombomodulin complex. This activated form contains a serine protease domain and functions in degradation of the activated forms of coagulation factors V and VIII. Mutations in this gene have been associated with thrombophilia due to protein C deficiency, neonatal purpura fulminans, and recurrent venous thrombosis. [provided by RefSeq, Dec 2009].

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