

Basic Information

Product Name	Anti-F2 Antibody
Gene Name	F2
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	Polypeptide
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	70-100 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Coagulation factor II is proteolytically cleaved to form thrombin in the first step of the coagulation cascade which ultimately results in the stemming of blood loss. F2 also plays a role in maintaining vascular integrity during development and postnatal life. Mutations in F2 leads to various forms of thrombosis and dysprothrombinemia.

Selected Validation Data



Western blot analysis of F2 using anti-F2 antibody (BA3083-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: Rat Testis tissue lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-F2 antigen affinity purified polyclonal antibody (BA3083-2) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for F2 at approximately 70-100 kDa. The expected band size for F2 is at 70 kDa.