

Product Name: Prothrombin Rabbit Monoclonal Antibody
Catalog #: AMRe87330

Summary

Production Name	Prothrombin Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P
Reactivity	Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	Prothrombin
Alternative Names	Cf2; FII; Cf-2
Gene ID	14061
SwissProt ID	P19221.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:200-1:2000
Molecular Weight	Calculated MW:70 kDa; Observed MW:70 kDa

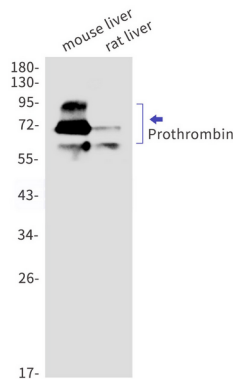
Background

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This gene encodes a vitamin K-dependent glycoprotein coagulation factor that plays an important role in the process of blood coagulation and hemostasis. The encoded protein is an inactive zymogen that undergoes enzymatic cleavage by the coagulation factor Xa to form an active serine protease that converts soluble fibrinogen to insoluble fibrin clot. Most of the mice lacking the encoded protein die at an embryonic stage due to defects in yolk sac vasculature, while the rare neonates succumb to hemorrhage on the first postnatal day. [provided by RefSeq, Apr 2015]

Research Area

Image Data



Western blot detection of Prothrombin in mouse liver, rat liver cell lysates using Prothrombin antibody (1:1000 diluted).

Note

For research use only.