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## Datasheet for ABIN6261644 anti-Coagulation Factor IX antibody (C-Term)





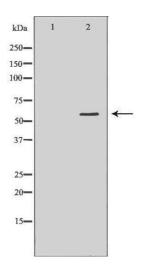
Overview

Quantity:	100 µL
Target:	Coagulation Factor IX (F9)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	A synthesized peptide derived from human Factor IX/PTC, corresponding to a region within C-
	terminal amino acids.
lsotype:	lgG
Specificity:	Factor IX/PTC Antibody detects endogenous levels of total Factor IX/PTC.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink $^{TM}$ Coupling
	Resin (Thermo Fisher Scientific).
Target Details	

Target:	Coagulation Factor IX (F9)
Alternative Name:	F9 (F9 Products)

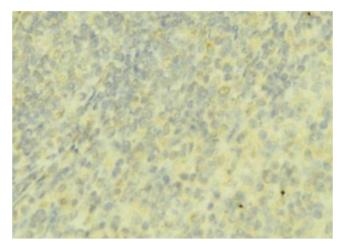
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Target Details	
Background:	Description: Factor IX is a vitamin K-dependent plasma protein that participates in the intrinsic pathway of blood coagulation by converting factor X to its active form in the presence of Ca2+ ions, phospholipids, and factor VIIIa. Gene: F9
Molecular Weight:	59kDa
Gene ID:	2158
UniProt:	P00740
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



## Western Blotting

**Image 1.** Western blot analysis of extracts of HO-8910, using F9 antibody. The lane on the left is treated with the antigen-specific peptide.



## Immunohistochemistry

**Image 2.** ABIN6276737 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22<sub>j</sub>ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary