

Rabbit IgG anti-Human F9 Polyclonal Antibody | anti-F9 antibody

F9 Antibody (Center)

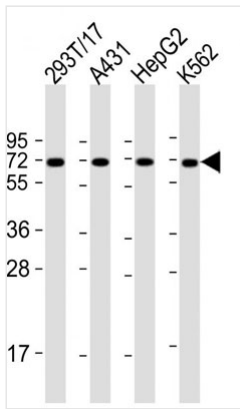
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286039	Rabbit IgG	Human	ELISA, Western Blot

PRODUCT SYNONYMS

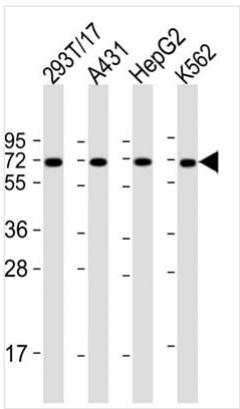
F9; Polyclonal Antibody; F9 Antibody (Center); Coagulation factor IX; Christmas factor; Plasma thromboplastin component; PTC; Coagulation factor IXa light chain; Coagulation factor IXa heavy chain; anti-F9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit IgG
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This F9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 266-295 amino acids from the Central region of human F9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	266-295
Sequence Length	461
Applicable Applications for anti-F9 antibody	ELISA, WB (Western Blot)
Cellular Location	Secreted
Tissue Location	Detected in blood plasma (at protein level) (PubMed:3857619, PubMed:8295821, PubMed:2592373, PubMed:9169594, PubMed:19846852). Synthesized primarily in the liver and secreted in plasma.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
F9 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the F9 antibody detected the F9 protein (arrow).



WB (Western Blot)
All lanes : Anti-F9 Antibody (Center) at 1:2000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: A431 whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: K562 whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-F9 antibody	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 Ca(2+) ions, phospholipids, and factor VIIIa.
Product Categories/Family for anti-F9 antibody	Cardiovascular; Immunology
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Yang, L., et al. J. Biol. Chem. 285(37):28488-28495(2010) Kao, C.Y., et al. Thromb. Haemost. 104(2):355-365(2010) Roberts, K.E., et al. Gastroenterology 139(1):130-139(2010) Arellano, A.R., et al. J. Thromb. Haemost. 8(5):1132-1134(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503649
NCBI GeneID	2158
NCBI Accession #	NP_000124.1
NCBI GenBank Nucleotide #	NM_000133.3
UniProt Accession #	P00740; Q5FBE1; Q5JYJ8; A8K9N4; F2RM36
Molecular Weight	51778
NCBI Official Full Name	coagulation factor IX preproprotein
NCBI Official Synonym Full Names	coagulation factor IX
NCBI Official Symbol	F9
NCBI Official Synonym Symbols	FIX; P19; PTC; HEMB; THPH8
NCBI Protein Information	coagulation factor IX
UniProt Protein Name	Coagulation factor IX
UniProt Gene Name	F9
UniProt Synonym Gene Names	PTC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/f9-antibody-western-blot-elisa/286039>