

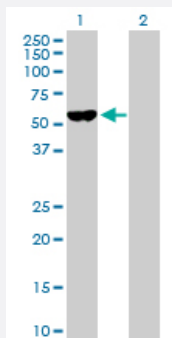
MaxPab®

F9 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002158-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of F9 expression in transfected 293T cell line ([H00002158-T01](#)) by F9 MaxPab polyclonal antibody.

Lane 1: F9 transfected lysate(51.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human F9 protein.
Immunogen	F9 (NP_000124.1, 1 a.a. ~ 461 a.a) full-length human protein.
Sequence	MQRVNMIMAESPLITICLLGYLLSAECTVFLDHENANKILNRPKRYNSGKLEEFVQGNLERECME EKCSFEEAREVFENTERTTEFWKQYVDGDQCESNPCLNGGSKDDINSYECWCPCFGFEGKNC ELDVTCNIKNGRCEQFCKNSADNKVVCSCTEGYRLAENQKSCEPAVPFPCGRVSVSQTSKLTR AETVFPDVDYVNSTEAEITLDNITQSTQSFNDFTRVVGGEDAKPGQFPWQVVLNGKVDAFCGGS VNEKWIVTAAHCVETGVKITVVAGEHNIEETEHTEQKRNVRIRIIPHHNYNAANKYNHDIALLELDEPL VLNSYVTPICIADKEYTNIFLKFGSGYVSGWGRVFKGRSALVLQYLRVPLVDRATCLRSTKFTYNN MFCAGFHEGGRDSCQGDSSGPHVTEVEGTSFLTGIISWGEECAMKGKYGIYTKVSRVYNWIKET KLT
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — F9

Entrez GeneID [2158](#)

GeneBank Accession# [NM_000133.2](#)

Protein Accession# [NP_000124.1](#)

Gene Name F9

Gene Alias FIX, HEMB, MGC129641, MGC129642, PTC

Gene Description coagulation factor IX

Omim ID [306900](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes vitamin K-dependent coagulation factor IX that circulates in the blood as an inactive zymogen. This factor is converted to an active form by factor XIa, which excises the activation peptide and thus generates a heavy chain and a light chain held together by one or more disulfide bonds. The role of this activated factor IX in the blood coagulation cascade is to activate factor X to its active form through interactions with Ca²⁺ ions, membrane phospholipids, and factor VIII. Alterations of this gene, including point mutations, insertions and deletions, cause factor IX deficiency, which is a recessive X-linked disorder, also called hemophilia B or Christmas disease. [provided by RefSeq]

Other Designations Christmas factor|OTTHUMP00000024154|coagulant factor IX|factor 9|factor IX|plasma thromboplastin component

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hemophilia A](#)
- [Hemophilia B](#)
- [Liver Cirrhosis](#)
- [Venous Thrombosis](#)