



Anti-F2 (aa 263-362) polyclonal antibody (DPAB-DC926)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	F2 (AAH51332, 263 a.a. ~ 362 a.a) partial recombinant protein with GST tag. The sequence is RNPDGDEEGAWCYVAGKPGDFGYCDLNCEEAVEEETGDGLDEDSDRAIEGRTATSEYQT FFNPRTFGSGEADCGLRPLFEKKSLEDKTERELLESYIDG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	F2 coagulation factor II (thrombin) [Homo sapiens (human)]
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Official Symbol	F2
Synonyms	F2; coagulation factor II (thrombin); PT; THPH1; RPRGL2; prothrombin; serine protease; prothrombin B-chain; prepro-coagulation factor II;
Entrez Gene ID	2147
Protein Refseq	NP_000497
UniProt ID	P00734
Chromosome Location	11p11
Pathway	Angiopoietin receptor Tie2-mediated signaling; Cell surface interactions at the vascular wall; Common Pathway; Complement and coagulation cascades
Function	calcium ion binding; growth factor activity; protein binding; receptor binding
