

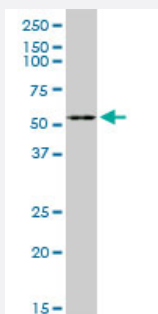
MaxPab®

F7 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002155-D01P

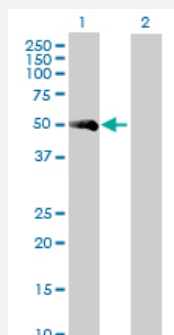
Size 100 ug

Applications



Western Blot (Cell lysate)

F7 MaxPab rabbit polyclonal antibody. Western Blot analysis of F7 expression in A-431.

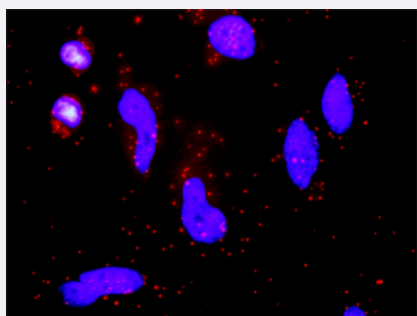


Western Blot (Transfected lysate)

Western Blot analysis of F7 expression in transfected 293T cell line ([H00002155-T01](#)) by F7 MaxPab polyclonal antibody.

Lane 1: F7 transfected lysate(49.30 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between F7 and F3. HeLa cells were stained with anti-F7 rabbit purified polyclonal 1:1200 and anti-F3 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human F7 protein.

Immunogen	F7 (NP_062562.1, 1 a.a. ~ 444 a.a) full-length human protein.
Sequence	MVSQALRLLCLLLGLQGCLAAVFVTQEEAHGVLHRRRRANAFLEELRPGSLERECKEEQCSFEE AREIFKDAERTKLFWISYSDGDQCASSPCQNGGSKDQLQSYICFCLPAFEGRNCETHKDDQLIC VNENGGCEQYCS DHTGTRSCRCHEGYSLADGV SCTPTVEYPCGKIPILEKRNASKPQGRVGG KVC PKGEC PWQV LLLVNGAQLCGGTLINTWVVSAAHCFDKIKNWRNLIAVLGEHDLSEHDGDEQ SRRVAQVIIPSTYVPGTTNHDIALRLHQPVVLT DHVVPLCLPERTF SERTLAFVRFSLVSGWGQLL DRGATALELMVLNVPRLMTQDCLQQSRKVGDS PNITEYMF CAGYSDGSKDSCKGDSGGPHATH YRG TWYLTGIVSWGQGCATVGHFGVYTRVSQYIEWLQKLMRSEPRPGVLLRAPFP
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.

Applications

- Western Blot (Cell lysate)

F7 MaxPab rabbit polyclonal antibody. Western Blot analysis of F7 expression in A-431.

[Protocol Download](#)

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[Protocol Download](#)

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Gene Info — F7

Entrez GeneID

[2155](#)

GeneBank Accession#

[NM_019616.1](#)

Protein Accession#	NP_062562.1
Gene Name	F7
Gene Alias	-
Gene Description	coagulation factor VII (serum prothrombin conversion accelerator)
Omim ID	227500
Gene Ontology	Hyperlink
Gene Summary	This gene encodes coagulation factor VII which is a vitamin K-dependent factor essential for hemostasis. This factor circulates in the blood in a zymogen form, and is converted to an active form by either factor IXa, factor Xa, factor XIa, or thrombin by minor proteolysis. Upon activation of the factor VII, a heavy chain containing a catalytic domain and a light chain containing 2 EGF-like domains are generated, and two chains are held together by a disulfide bond. In the presence of factor II and calcium ions, the activated factor then further activates the coagulation cascade by converting factor IX to factor IXa and/or factor X to factor Xa. Alternative splicing of this gene results in 2 transcripts. Defects in this gene can cause coagulopathy. [provided by RefSeq]
Other Designations	FVII coagulation protein OTTHUMP00000018733 OTTHUMP00000018734 coagulation factor VII eptacog alfa

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Activated Protein C Resistance](#)
- [Acute Disease](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Angina](#)
- [Angina Pectoris](#)
- [Arterial Occlusive Diseases](#)

- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Birth Weight](#)
- [Blood Coagulation Disorders](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Bronchopulmonary Dysplasia](#)
- [Budd-Chiari Syndrome](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)

- [Coronary Thrombosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Factor VII Deficiency](#)
- [Factor XIII Deficiency](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hemophilia A](#)
- [Hemorrhage](#)
- [Hemorrhagic Disease of Newborn](#)
- [Hemorrhagic Disorders](#)
- [Hepatitis](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Insulin Resistance](#)

- [Intracranial Embolism](#)
- [Intracranial Thrombosis](#)
- [Ischemic Attack](#)
- [Kidney Failure](#)
- [Leukomalacia](#)
- [Liver Cirrhosis](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Periodontitis](#)
- [Peripheral Vascular Diseases](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Recurrence](#)
- [Sepsis](#)
- [Skin Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Thromboembolism](#)

- [Thrombophilia](#)
- [Thrombosis](#)
- [Venous Thrombosis](#)
- [Vitamin K Deficiency](#)
- [Werner syndrome](#)