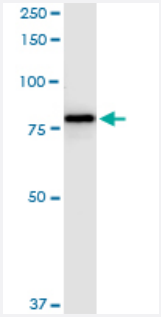
MaxPab®

F13A1 MaxPab rabbit polyclonal antibody (D01)

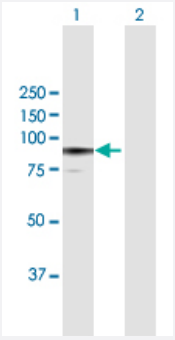
Catalog # H00002162-D01 Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of F13A1 transfected lysate using anti-F13A1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with F13A1 MaxPab mouse polyclonal antibody (B01) (H00002162-B01).



Western Blot (Transfected lysate)

Western Blot analysis of F13A1 expression in transfected 293T cell line (H00002162-T01) by F13A1 MaxPab polyclonal antibody.

Lane 1: F13A1 transfected lysate(83.3 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human F13A1 protein.
Immunogen	F13A1 (AAH27963.1, 1 a.a. ~ 732 a.a) full-length human protein.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Sequence	MSETSRTAFGGRRAVPPNNSNAAEDDLPTVELQGVVPRGVNLQEFLNVTSVHLFKERWDTNKV DHHTDKYENNKLIVRRGQSFYVQIDFSRPYDPRRDLFRVEYVIGRYPQENKGTYIPVPIVSELQSGK WGAKIVMREDRSVRLSIQSSPKCIVGKFRMYVAVWTPYGVLRTSRNPETDTYILFNPWCEDDAVY LDNEKEREEYVLNDIGVIFYGEVNDIKTRSWSYGQFEDGILDTCLYVMDRAQMDLSGRGNPIKVSR VGSAMVNAKDDEGVLVGSWDNIYAYGVPPSAWTGSVDILLEYRSSENPVRYGQCWVFAGVFNT FLRCLGIPARIVTNYFSAHDNDANLQMDIFLEEDGNVNSKLTKDSVWNYHCWNEAWMTRPDLPV GFGGWQAVDSTPQENSDGMYRCGPASVQAIKHGHVCFQFDAPFVFAEVNSDLIYITAKKDGTHV VENVDATHIGKLIVTKQIGGDGMMDITDTYKFQEGQEEERLALETALMYGAKKPLNTEGVMKSRSN VDMDFEVENAVLGKDFKLSITFRNNSHNRYTITAYLSANITFYTGVPKAEFKKETFDVTLEPLSFKK EAVLIQAGEYMGQLLEQASLHFFVTARINETRDVLAKQKSTVLTIPEIIIKVRGTQVVGSDMTVIVEFT NPLKETLRNVWVHLDGPGVTRPMKKMFREIRPNSTVQWEEVCRPWVSGHRKLIASMSSDSLRH VYGELDVQIQRRPSM
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

  Immunoprecipitation of F13A1 transfected lysate using anti-F13A1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with F13A1 MaxPab mouse polyclonal antibody (B01) (H00002162-B01).

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of F13A1 expression in transfected 293T cell line (H00002162-T01) by F13A1 MaxPab polyclonal antibody.

  Lane 1: F13A1 transfected lysate(83.3 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — F13A1

Entrez GeneID	2162
GeneBank Accession#	BC027963.1

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Protein Accession#	AAH27963.1
Gene Name	F13A1
Gene Alias	F13A
Gene Description	coagulation factor XIII, A1 polypeptide
Omim ID	134570
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the coagulation factor XIII A subunit. Coagulation factor XIII is the last zymogen to become activated in the blood coagulation cascade. Plasma factor XIII is a heterotetramer composed of 2 A subunits and 2 B subunits. The A subunits have catalytic function, and the B subunits do not have enzymatic activity and may serve as plasma carrier molecules. Platelet factor XIII is comprised only of 2 A subunits, which are identical to those of plasma origin. Upon cleavage of the activation peptide by thrombin and in the presence of calcium ion, the plasma factor XIII dissociates its B subunits and yields the same active enzyme, factor XIIIa, as platelet factor XIII. This enzyme acts as a transglutaminase to catalyze the formation of gamma-glutamyl-epsilon-lysine crosslinking between fibrin molecules, thus stabilizing the fibrin clot. It also crosslinks alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin. Factor XIII deficiency is classified into two categories: type I deficiency, characterized by the lack of both the A and B subunits; and type II deficiency, characterized by the lack of the A subunit alone. These defects can result in a lifelong bleeding tendency, defective wound healing, and habitual abortion. [provided by RefSeq
Other Designations	FSF, A subunit|TGase|bA525O21.1 (coagulation factor XIII, A1 polypeptide)|coagulation factor XIII A1 subunit|coagulation factor XIII, A polypeptide|factor XIIIa|fibrin stabilizing factor, A subunit|fibrin oligase|protein-glutamine gamma-glutamyltransferase

Pathway

- Complement and coagulation cascades

Disease

- Abortion
- Activated Protein C Resistance
- Acute Disease
- Alzheimer disease
- Anemia
- Aneurysm

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Angina Pectoris
- Antiphospholipid Syndrome
- Arterial Occlusive Diseases
- Arteriosclerosis
- Arthritis
- Atherosclerosis
- Atrial Fibrillation
- beta-Thalassemia
- Blood Coagulation Disorders
- Brain Ischemia
- Bronchopulmonary Dysplasia
- Cadaver
- Calcinosis
- Cardiovascular Diseases
- Carotid Stenosis
- Celiac Disease
- Cerebral Hemorrhage
- Cerebral Infarction
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Chorioamnionitis
- Choroidal Neovascularization
- Chronic Disease
- Cleft Lip
- Cleft Palate
- Coagulation Protein Disorders

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Cognition
- Colitis
- Conjunctival Diseases
- Coronary Artery Disease
- Coronary Disease
- Coronary Thrombosis
- Critical Illness
- Crohn Disease
- Diabetes Mellitus
- Disease Progression
- Ductus Arteriosus
- Edema
- Eye Hemorrhage
- Factor VII Deficiency
- Factor XIII Deficiency
- Fetal Death
- Fetal Growth Retardation
- Fetal Membranes
- Foramen Ovale
- Genetic Predisposition to Disease
- Heart Defects
- Heart Septal Defects
- Hemophilia A
- Hemorrhage
- Hemorrhagic Disorders

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Hyperlipidemias
- Hypertension
- Infant
- Infertility
- Inflammation
- Inflammatory Bowel Diseases
- Insulin Resistance
- Intracranial Aneurysm
- Intracranial Embolism
- Intracranial Hemorrhages
- Ischemic Attack
- Kidney Failure
- Leukomalacia
- Macular Degeneration
- Metabolic Syndrome X
- Mouth Neoplasms
- Myocardial Infarction
- Myocardial Ischemia
- Myopia
- Neoplasms
- Neuropsychological Tests
- Obesity
- Obstetric Labor
- Ovarian cancer
- Ovarian Neoplasms
- Peripheral Vascular Diseases
- Postoperative Complications

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Priapism
- Pulmonary Embolism
- Purpura
- Recurrence
- Sclerosis
- Sepsis
- Shock
- Stroke
- Subarachnoid Hemorrhage
- Thalassemia
- Thromboembolism
- Thrombophilia
- Thrombosis
- Tobacco Use Disorder
- Varicose Ulcer
- Vascular Diseases
- Venous Thrombosis
- Werner syndrome

Copyright © 2023 Abnova Corporation. All Rights Reserved.