



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



F13A1 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00002162-B01

規格 : [50 uL]

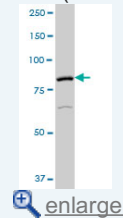
[List All](#)

Specification

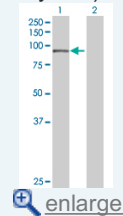
Product Description:	Mouse polyclonal antibody raised against a full-length human F13A1 protein.
Immunogen:	F13A1 (AAH27963.1, 1 a.a. ~ 732 a.a) full-length human protein.
Sequence:	MSETSRTAFGGRRVPPNNSNAEEDLPTVELQGVVPRGVNLQEF LNV TSVHLFKERWDTNKVDHHTDKYENNKLVRRGQSFYVQIDFSRPYDPRR DLFRVEYVIGRYPQENKGTYPVPIVSELQSGKWGAKVMREDRSVRLSIQ SSPKCIVGKFRMYVAVWTPYGVLRTSRNPETDTYILFNPWCEDDAVYLD NEKEREEYVLNDIGVIFYGEVNDIKTRSWSYGQFEDGILDTCLYVMDRAQ MDLSGRGNPIKVS RVGSAMVNAKDDEGLVGSWDNIYAYGVPPSAWTG SVDILLEYRSENPNVRYGQCWVFAGVFNFLRCLGIPARIVTNYFSAHDN DANLQMDIFLEEDGNVNSKLTKDSVWNYHCWNEAWMTRPDLVPGF GG WQAVDSTPQENS DGM YRCGPASVQA IKHGHVCFQFDAPFVFAEVNSDL IYITAKKDGHVVENVDATHIGKLVTKQIGGDGMMMDITD TYKFQEQEEEE RLALETALMYGAKKPLNTEGVMKSRSNVDMDFEVENAVLGKDFKLSITF RNNSHNRYTITAYLSANITFYTGVPKAEFKKETF DVTLEPLSFKKEAVLIQA GEYMGQLLEQASLHFFVTARINETRDVLAKQKSTVLT IPEIIIKVRGTQVV GSDMTVIVEFTNPLKETLRNWWVHLDGPGVTRPMKKMFREIRPNSTVQW EEVCRPWVSGHRKLIASMSSDSL RHVY GELDVQIQRPSM
Host:	Mouse
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.
Note:	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
MSDS:	 Download
Datasheet:	 Download

Application Image

Western Blot (Tissue lysate)

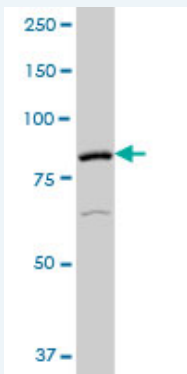


Western Blot (Transfected lysate)



Applications

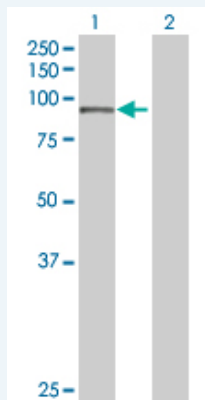
Western Blot (Tissue lysate)



F13A1 MaxPab polyclonal antibody. Western Blot analysis of F13A1 expression in human pancreas.

 [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(80.52 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [2162](#)

GeneBank Accession#: [BC027963.1](#)

Protein Accession#: [AAH27963.1](#)

Gene Name: F13A1

Gene Alias: F13A

Gene Description: coagulation factor XIII, A1 polypeptide

Omim ID: [134570](#)

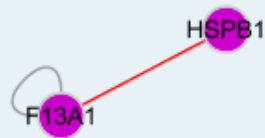
Gene Ontology: [Hyperlink](#)

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, fibrinoligase, protein-glutamine gamma-glutamyltransferase

Interactome



Gene Pathway

[Complement and coagulation cascades](#)

Related Disease

[Abortion](#), [Habitual Abortion](#), [Spontaneous Activated Protein C Resistance Acute Disease](#), [Alzheimer Disease](#), [Alzheimer disease](#), [Anemia](#), [Sickle Cell Anemia](#), [sickle cell](#), [Aneurysm](#), [Ruptured Angina Pectoris](#), [Antiphospholipid Syndrome](#), [Arterial Occlusive Diseases](#), [Arteriosclerosis](#), [Arthritis](#), [Rheumatoid](#), [Atherosclerosis](#), [Atherosclerosis](#), [Atrial Fibrillation](#), [beta-Thalassemia](#), [Blood Coagulation Disorders](#), [Inherited](#)

[... see more](#)