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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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F13A1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00002162-D01P

規格 : [100 ug]

[List All](#)

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.

Sequence:
MSETSRTAFGGRRVPPNNSNAEEDDLPTVELQGVVPRGVNLQEFLLV
TSVHLFKERWDTNKHVDHHTDKYENNKLVRRGQSFYVQIDFSRPYDPRR
DLFRVEYVIGRYPQENKGTYPVPIVSELQSGKWGAKVMREDRSVRLSIQ
SSPKCIVGKFRMYVAVWTPYGVLRTRSNPETDTYILFNPWCEDDAVYLD
NEKEREEYVLNDIGVIFYGEVNDIKTRSWSYGQFEDGILDTCLYVMDRAQ
MDLSGRGNPIKVS RVGSAMVNAKDDEGLVGSWDNIYAYGVPPSAWTG
SVDILLEYSSENPNVRYGQCWVFAGVFNTFLRCLGIPARIVTNYFSAHDN
DANLQMDIFLEEDGNVNSKLTKDSVWNYHCWNEAWMTRPDLVGVFGG
WQAVDSTPQENS DGM YRCGPASVQAIKHGHVCFQFDAPFVFAEVNSDL
IYITAKKDGHVVENVDATHIGKLVTKQIGGDGMMMDITDTYKFQEQEEEE
RLALETALMYGAKKPLNTEGVMKSRSNVDMDFEVENAVLGKDFKLSITF
RNNSHNRYTITAYLSANITFYTGVPKAEFKKETFDVTLPLSFKKEAVLIQA
GEYMGQLLEQASLHFFVTARINETRDVLAKQKSTVLTIPETIIKVRGTQVV
GSDMTVIVEFTNPLKETLRNWWVHLDGPGVTRPMKKMFREIRPNSTVQW
EEVCRPWVSGHRKLIASMSSDSL RHVY GELDVQIQRPSM

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

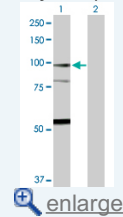
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

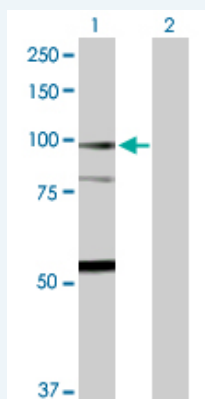
Application Image

Western Blot (Transfected lysate)



Applications

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(83.30 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

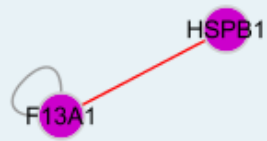
Omim ID: [134570](#)

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, fibrinolygase, protein-glutamine gamma-glutamyltransferase

Interactome



Gene Pathway

[Complement and coagulation cascades](#)

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[Atherosclerosis](#) [Atrial Fibrillation](#) [beta-Thalassemia](#) [Blood Coagulation Disorders, Inherited](#)

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