SZABO SCANDIC

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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

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F13A1 (Human) Matched Antibody Pair

Catalog # : H00002162-AP52 **規格 :** [1 Set]

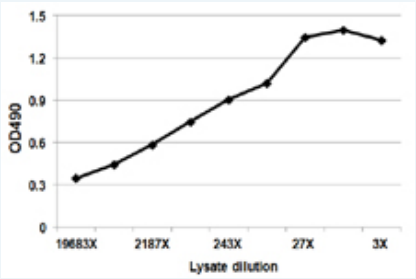
List All

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human F13A1.

Reactivity: Human

Quality Control Testing: Standard curve using F13A1 293T overexpression lysate (non-denatured) as an analyte.



Sandwich ELISA detection sensitivity ranging from approximately 2187x to 9x dilution of the F13A1 293T overexpression lysate (non-denatured).

Supplied Product: Antibody pair set content:
1. Capture antibody: mouse monoclonal anti-F13A1, IgG2a Kappa (300 ug)
2. Detection antibody: rabbit polyclonal anti-F13A1 (50 ul)
*Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

ELISA Pair (Transfected lysate)

Protocol Download

Gene Information

Entrez GeneID: 2162

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

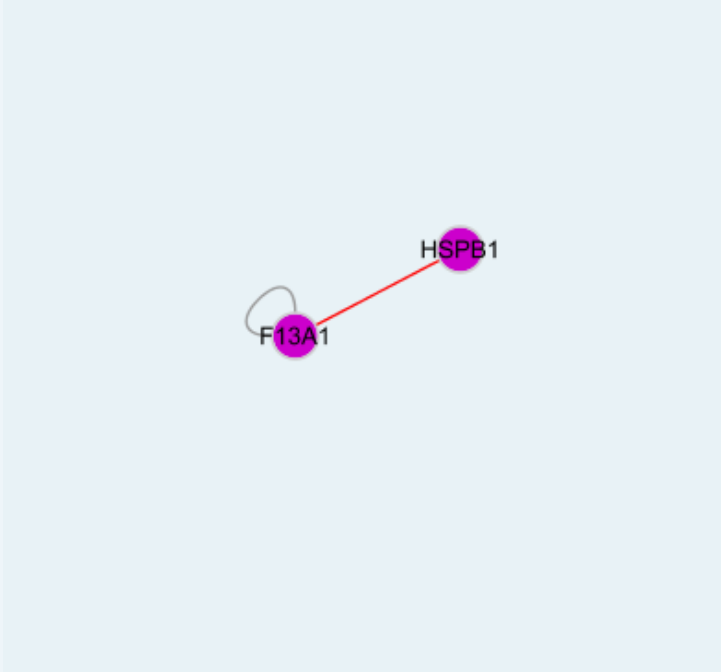
Application Image

ELISA Pair (Transfected lysate)

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