

Rabbit F13B Polyclonal Antibody | anti-F13B antibody

F13B antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199031	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

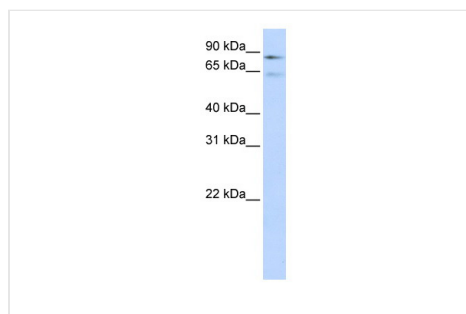
PRODUCT SYNONYMS

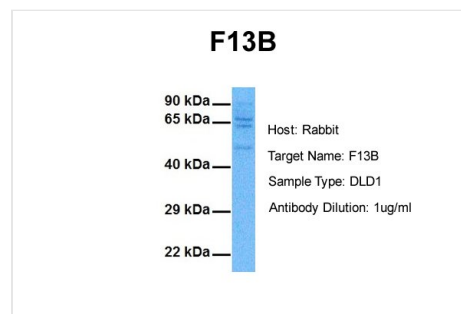
F13B; Polyclonal Antibody; F13B antibody - middle region; anti-F13B antibody

PRODUCT SPECIFICATIONS

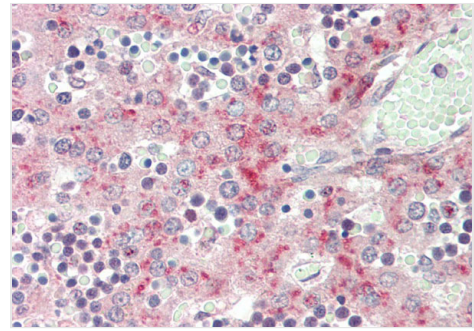
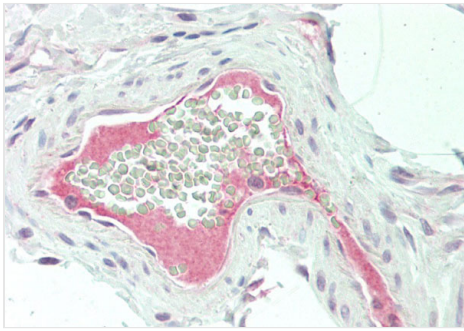
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LR LIENGYFHPV KQTYEEDVV QFFCHENYYL SGSDLIQCYN FGWYPESP
Sequence Length	661
Applicable Applications for anti-F13B antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 86%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human F13B
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-F13B Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Hela cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: F13B
Sample Tissue: Human DLD1
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Rabbit Anti-F13B antibodyFormalin Fixed Paraffin Embedded Tissue: Human VesselPrimary antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20xExposure Time: 0.5-2.0sec

IHC (Immunohistochemistry)
Rabbit Anti-F13B antibodyFormalin Fixed Paraffin Embedded Tissue: Human Fetal LiverPrimary antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20xExposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-F13B antibody	This is a rabbit polyclonal antibody against F13B. It was validated on Western Blot using a cell lysate as a positive control. Target Description: F13B contains 10 Sushi (CCP/SCR) domains. The B chain of factor XIII is not catalytically active, but is thought to stabilize the A subunits and regulate the rate of transglutaminase formation by thrombin. Defects in F13B can result in a lifelong bleeding tendency, defective wound healing, and habitual abortion.This gene encodes coagulation factor XIII B 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 a plasma carrier molecules. Platelet factor XIII is comprised only of 2 A subunits, which are identical to those of plasma origin. Upon activation by the 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-F13B antibody	Polyclonal; Signal Proteins; Disease Related; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611237
NCBI GeneID	2165
NCBI Accession #	NP_001985
NCBI GenBank Nucleotide #	NM_001994
UniProt Accession #	P05160
Molecular Weight	73kDa
NCBI Official Full Name	coagulation factor XIII B chain
NCBI Official Synonym Full Names	coagulation factor XIII B chain
NCBI Official Symbol	F13B
NCBI Official Synonym Symbols	FXIIIB
NCBI Protein Information	coagulation factor XIII B chain
UniProt Protein Name	Coagulation factor XIII B chain

UniProt Gene Name	F13B
UniProt Entry Name	F13B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/f13b-antibody-western-blot-elisa/199031>