

Datasheet for ABIN7148001
anti-F13A1 antibody (AA 380-520)

3 Images

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Overview

Quantity:	100 µg
Target:	F13A1
Binding Specificity:	AA 380-520
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This F13A1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Coagulation factor XIII A chain protein (380-520AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	F13A1
Alternative Name:	F13A1 (F13A1 Products)
Background:	Background: Factor XIII is activated by thrombin and calcium ion to a transglutaminase that catalyzes the formation of gamma-glutamyl-epsilon-lysine cross-links between fibrin chains,

Target Details

thus stabilizing the fibrin clot. Also cross-link alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin.

Aliases: bA525021.1 (coagulation factor XIII, A1 polypeptide) antibody, Coagulation factor XIII A chain antibody, Coagulation factor XIII A1 polypeptide antibody, Coagulation factor XIII A1 subunit antibody, Coagulation factor XIII, A polypeptide antibody, Coagulation factor XIIIa antibody, F13A antibody, F13A_HUMAN antibody, F13a1 antibody, Factor XIIIa antibody, Fibrin stabilizing factor, A subunit antibody, Fibrinolytic antibody, FSF, A subunit antibody, Protein glutamine gamma glutamyltransferase A chain antibody, Protein-glutamine gamma-glutamyltransferase A chain antibody, TGase antibody, Transglutaminase A chain antibody, Transglutaminase, plasma antibody, Transglutaminase. plasma antibody

UniProt: [P00488](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

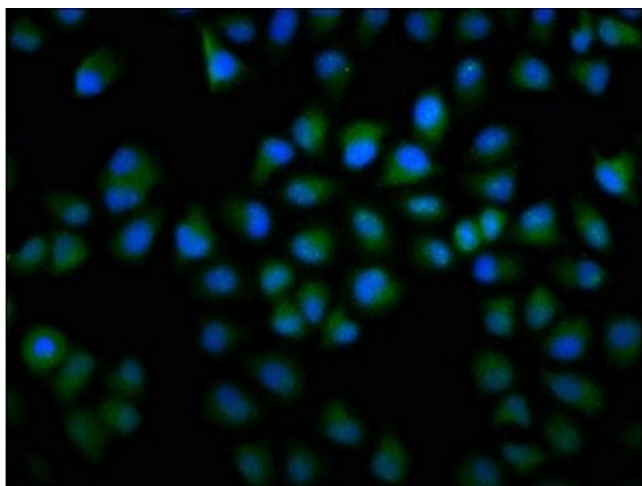
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

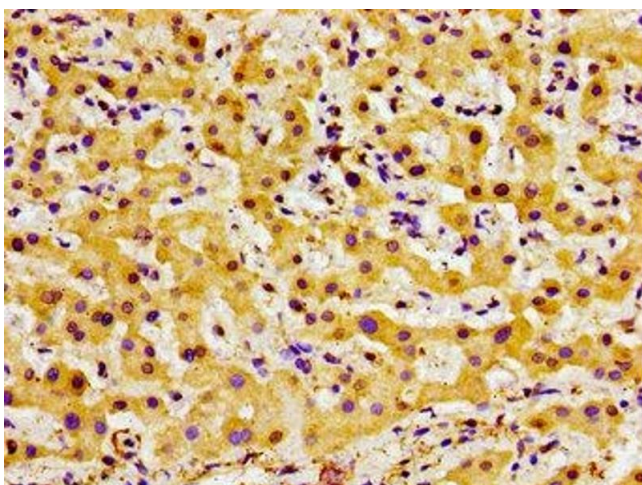
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



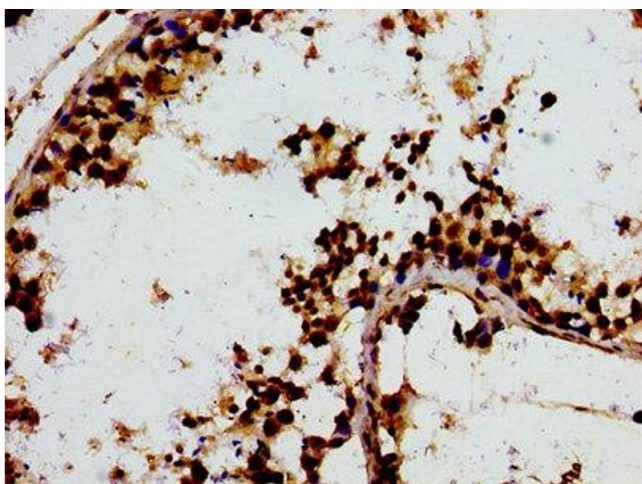
Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7148001 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7148001 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7148001 at dilution of 1:100