Datasheet for ABIN7152610

anti-Fatty Acid Synthase antibody (AA 2155-2495)

3 Images

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Overview

Quantity:	100 µg
Target:	Fatty Acid Synthase (FASN)
Binding Specificity:	AA 2155-2495
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fatty Acid Synthase antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Fatty acid synthase protein (2155-2495AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Fatty Acid Synthase (FASN)
Alternative Name:	FASN (FASN Products)
Background:	Background: Fatty acid synthetase catalyzes the formation of long-chain fatty acids from acetyl-CoA, malonyl-CoA and NADPH. This multifunctional protein has 7 catalytic activities and

Target Details

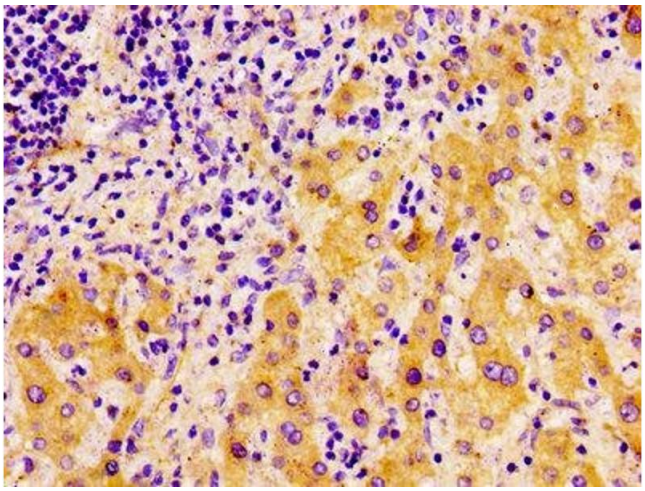
	an acyl carrier protein. Aliases: [Acyl-carrier-protein] S acetyltransferase antibody, [Acyl-carrier-protein] S malonyltransferase antibody, 3-hydroxypalmitoyl-[acyl-carrier-protein] dehydratase antibody, 3-oxoacyl-[acyl-carrier-protein] reductase antibody, 3-oxoacyl-[acyl-carrier-protein] synthase antibody, Enoyl-[acyl-carrier-protein] reductase antibody, FAS antibody, FAS_HUMAN antibody, FASN antibody, Fatty acid synthase antibody, MGC14367 antibody, MGC15706 antibody, OA 519 antibody, Oleoyl-[acyl-carrier-protein] hydrolase antibody, SDR27X1 antibody, Short chain dehydrogenase/reductase family 27X member 1 antibody
UniProt:	P49327
Pathways:	AMPK Signaling

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

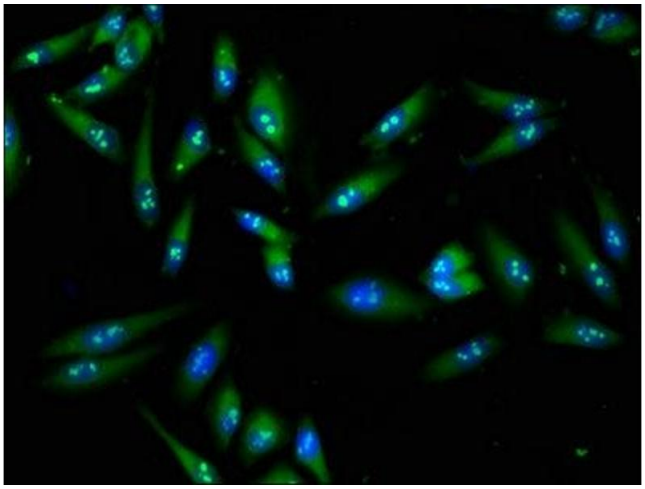
Handling

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.



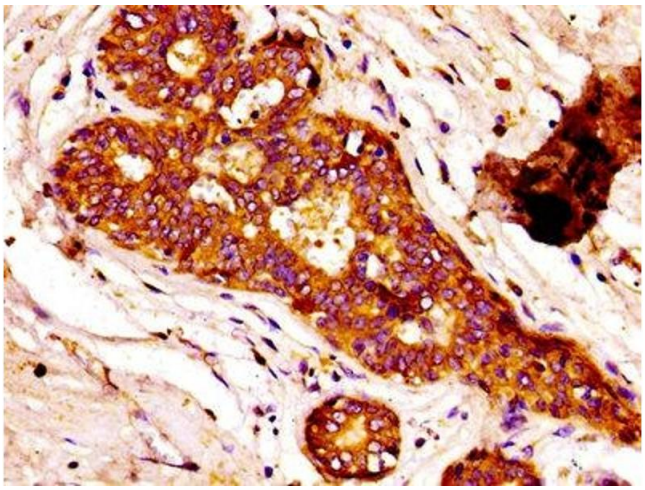
Immunohistochemistry

Image 1. IHC image of ABIN7152610 diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated ABC system.



Immunofluorescence

Image 2. Immunofluorescence staining of Hela cells with ABIN7152610 at 1:100, 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-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 3. IHC image of ABIN7152610 diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.