



Datasheet for ABIN2856708

anti-Fatty Acid Synthase antibody (N-Term)



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8 Images

Overview

Quantity:	100 µL
Target:	Fatty Acid Synthase (FASN)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fatty Acid Synthase antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human Fatty Acid Synthase. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Fatty Acid Synthase (fatty acid synthase) Fatty Acid Synthase antibody [N1], N-term
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	Fatty Acid Synthase (FASN)
Alternative Name:	fatty acid synthase (FASN Products)
Background:	<p>The enzyme encoded by this gene is a multifunctional protein. Its main function is to catalyze the synthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-chain saturated fatty acids. In some cancer cell lines, this protein has been found to be fused with estrogen receptor-alpha (ER-alpha), in which the N-terminus of FAS is fused in-frame with the C-terminus of ER-alpha.</p> <p>Cellular Localization: Cytoplasm , Melanosome</p>
Molecular Weight:	273 kDa
Gene ID:	2194
UniProt:	P49327
Pathways:	AMPK Signaling

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse brain , Molt-4 , PC-12 , Rat2 , 293T Validation: KO/KD, Orthogonal
Restrictions:	For Research Use only

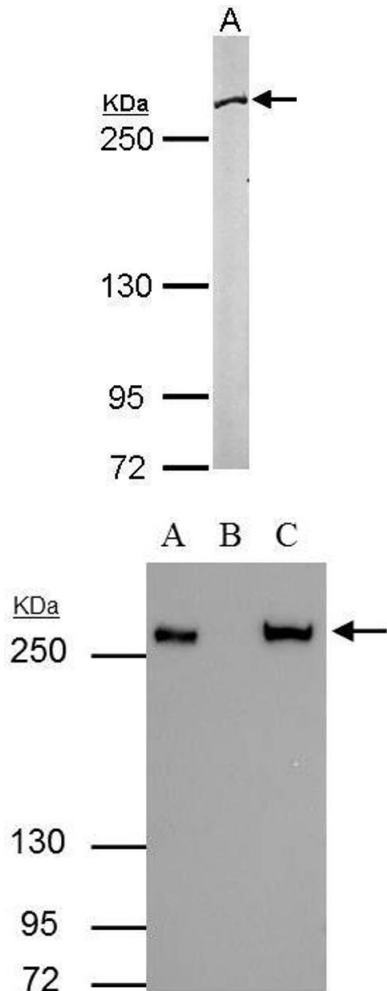
Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images

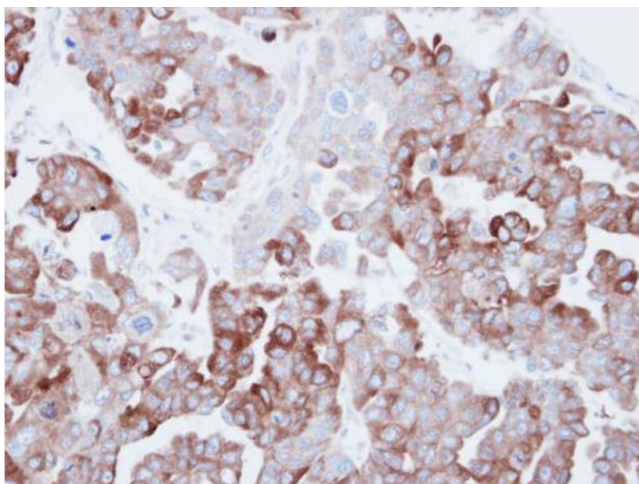


Western Blotting

Image 1. WB Image Sample (50 ug of whole cell lysate) A: Mouse brain 5% SDS PAGE antibody diluted at 1:1000

Immunoprecipitation

Image 2. IP Image FASN antibody immunoprecipitates FASN protein in IP experiments. IP Sample: HeLa whole cell lysate/extract A : 30 µg whole cell lysate/extract of FASN protein expressing HeLa cells B : Control with 2.5 µg of pre-immune rabbit IgG C : Immunoprecipitation of FASN by 2.5 µg of FASN antibody , 5% SDS-PAGE The immunoprecipitated FASN protein was detected by FASN antibody , diluted at 1 : 1000. EasyBlot anti-rabbit IgG (HRP) was used as a secondary reagent.



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded human ovarian carcinoma, using Fatty Acid Synthase, antibody at 1:500 dilution.

Images

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN2856708.