

Datasheet for ABIN3030916

anti-Fatty Acid Synthase antibody (AA 942-973)

6 Images

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Overview

Quantity:	0.4 mL
Target:	Fatty Acid Synthase (FASN)
Binding Specificity:	AA 942-973
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fatty Acid Synthase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 942-973 from human Fatty acid synthase was used as the immunogen for this FASN antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	Fatty Acid Synthase (FASN)
Alternative Name:	FASN (FASN Products)
Background:	FASN (Fatty acid synthase) 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-

Target Details

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.

UniProt: [P49327](#)

Pathways: [AMPK Signaling](#)

Application Details

Application Notes: Titration of the FASN antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Immunofluorescence: 1:10-1:200,IHC (Paraffin): 1:10-1:50,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

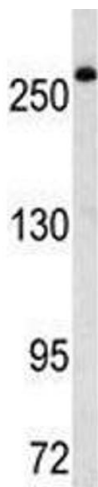
Storage: -20 °C

Storage Comment: Aliquot the FASN antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Western blot analysis of FASN antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the FASN gene (2).



Western Blotting

Image 2. Western blot analysis of FASN antibody in Ramos lysate. Predicted molecular weight ~ 270 kDa.



Western Blotting

Image 3. Western blot analysis of FASN antibody in Ramos lysate. Predicted molecular weight ~ 270 kDa.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3030916.