

Anti-Fatty Acid Synthase FASN Antibody

Catalog Number: A00941-2

About FASN

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 an acyl carrier protein.

Jayakumar A., Tai M.-H., Huang W.-Y. Natl. Acad. Sci. U.S.A. 92:8695-8699(1995)

Chi A., Valencia J.C., Hu Z.-Z., Watabe H. Proteome Res. 5:3135-3144(2006)

Overview

Product Name	Anti-Fatty Acid Synthase FASN Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Fatty Acid Synthase FASN Antibody catalog # A00941-2. Tested in WB,ICC/IF,IHC,IP,Flow Cytometry applications. This antibody reacts with Human,Mouse,Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P49327

Technical Details

Immunogen	Peptide sequence around aa.2503~2507 (E-P-R-V-S) derived from Human Fatty Acid Synthase (FASN).
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:1,000

ICC: 1:100-1:500

IHC: 1:50-1:200

FC: 1:50-1:100

Anti-Fatty Acid Synthase FASN Antibody (A00941-2) Images

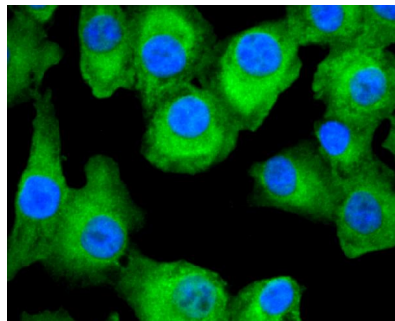


Figure 1. Immunocytochemistry staining of FASN using Anti-Fatty Acid Synthase FASN Antibody (A00941-2).

ICC staining Fatty Acid Synthase in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

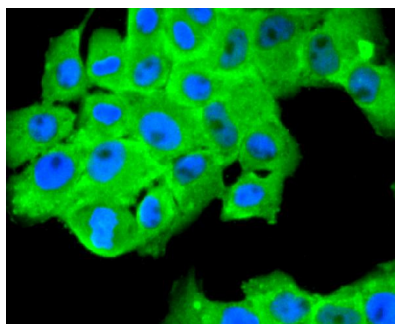


Figure 2. Immunocytochemistry staining of FASN using Anti-Fatty Acid Synthase FASN Antibody (A00941-2).

ICC staining Fatty Acid Synthase in RH-35 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

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