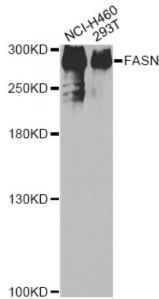


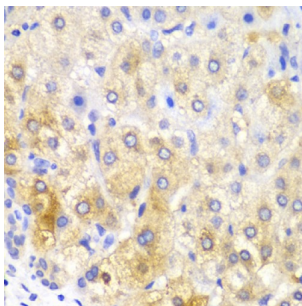
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Fatty Acid Synthase (FASN) Antibody

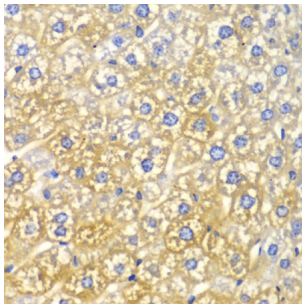
Catalogue No.: abx000725



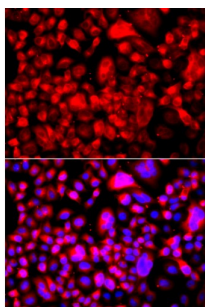
Western blot analysis of extracts of various cell lines, using FASN antibody (abx000725) at 1/200 dilution.



Immunohistochemistry of paraffin-embedded human liver cancer using FASN Antibody (abx000725) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using FASN Antibody (abx000725) at dilution of 1/100 (40x lens).



Immunofluorescence analysis of A549 cells using FASN antibody (abx000725). Blue: DAPI for nuclear staining.

FASN Antibody is a Rabbit Polyclonal antibody against FASN. 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.

Target: FASN

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Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human FASN.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 273 kDa
Observed MW: 280 kDa

Swiss Prot: [P49327](#)

GeneID: [2194](#)

Gene Symbol: FASN

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.