

Anti-Fatty Acid Synthase(FASN) Antibody

Catalog Number: A00941

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

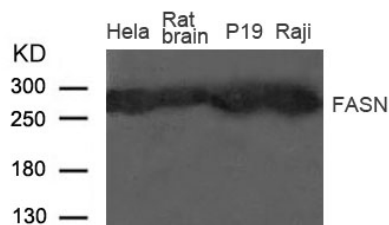
Product Name	Anti-Fatty Acid Synthase(FASN) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Fatty Acid Synthase(FASN) Antibody (Catalog # A00941). Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
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	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates.

	Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Predicted MW: 273kd</p> <p>Western blotting: 1:500~1:1000</p>

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



Western blot analysis of extract from Rat brain tissue, HeLa, Raji, P19 cells using Fatty Acid Synthase(FASN) antibody A00941

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