

bs-1498R**[Primary Antibody]****FASN Rabbit pAb****BioSS**
ANTIBODIES

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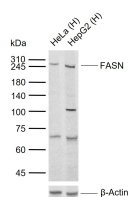
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 2194 Target: FASN Immunogen: KLH conjugated synthetic peptide derived from humanFASN: 1451-1550/2411. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: FASN (Fatty Acid Synthase) is a central enzyme in de novo lipogenesis. FAS is a target for SREBP and is upregulated by LXR activation; it is also one of the accepted markers for insulin resistance, SREBP and LXR activation.	Isotype: IgG SWISS: P49327	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: Human Predicted MW.: 272 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Sample: Lane 1: Human HeLa cell lysates Lane 2:
Human HepG2 cell lysates Primary: Anti-FASN
(bs-1498R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 272 kDa Observed
band size: 250 kDa

— SELECTED CITATIONS —

- **[IF=8.2]** Sihao Zhu. et al. Black phosphorus quantum dots induce lipid accumulation through PPAR γ activation and mitochondrial dysfunction in adipocytes. SCI TOTAL ENVIRON. 2025 Jan;958:177972 WB ;Mouse. 39662394
- **[IF=5.7]** Wenlong Sun. et al. Polysaccharides Extracted from Old Stalks of Asparagus officinalis L. Improve Nonalcoholic Fatty Liver by Increasing the Gut Butyric Acid Content and Improving Gut Barrier Function. journal of agricultural and food chemistry. 2025 Mar 5. Western blot, IF ;Mouse. 40042965
- **[IF=5]** Chun-Hui Shao. et al. Goat Whey Protein Hydrolysate Mitigates High-Fructose Corn Syrup-Induced Hepatic Steatosis in a Murine Model. NUTRIENTS. 2025 Jan;17(12):2011 IHC ;Mouse. 40573122
- **[IF=5.168]** Yu et al. LncRNA as ceRNAs may be involved in lactation process. (2017) Oncotarget. 8:98014-98028 IF ;Goat. 29228670
- **[IF=3.67]** Zhao Z et al. Lactobacillus plantarum NA136 improves the non-alcoholic fatty liver disease by modulating the AMPK/Nrf2 pathway. Appl Microbiol Biotechnol. 2019 May 21. WB ;Mouse. 31115630

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