

bs-1498R**[Primary Antibody]****BioSS**
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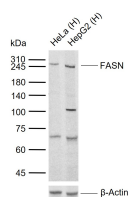
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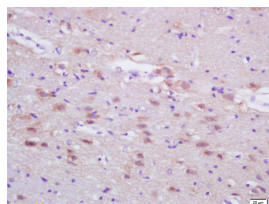
400-901-9800

FASN Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: Human, Rat (predicted: Mouse, Sheep)
GeneID: 2194	SWISS: P49327	
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.		Predicted MW.: 272 kDa
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.		Subcellular Location: Cytoplasm

— 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



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-FASN Polyclonal Antibody, Unconjugated(bs-1498R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— 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=5.168]** Yu et al. LncRNA as ceRNAs may be involved in lactation process. (2017) Oncotarget. 8:98014-98028 IF ;Goat. 29228670
- **[IF=4.192]** Zhi Chen et al. Circ09863 Regulates Unsaturated Fatty Acid Metabolism by Adsorbing miR-27a-3p in Bovine Mammary Epithelial Cells. J Agric Food Chem . 2020 Aug 12;68(32):8589-8601. WB ;COW. 32689797

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=4.4]** Shufei Liang. et al. An integrative pharmacology-based study on the pharmacological activity and mechanism of xiaoji-chenpi formula (XCF) against MAFLD..Frontiers in Pharmacology.2025 Mar 7;16:1521111. Western blot ;Mouse. 40124784