

FASN Rabbit pAb

Catalog Number: bs-1498R

Target Protein: FASN

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

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)

Reactivity: Human, Rat (predicted:Mouse, Sheep)

Predicted MW: 272 kDa

Entrez Gene: 2194

Swiss Prot: P49327

Source: KLH conjugated synthetic peptide derived from humanFASN: 1451-1550/2411.

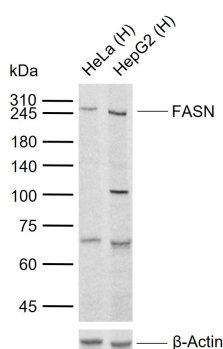
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

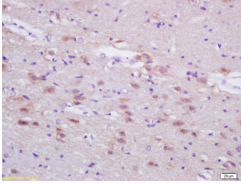
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

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

PRODUCT SPECIFIC PUBLICATIONS

[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=5.168] 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

[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

[IF=3.23] Li M, Ye T, Wang X-X, Li X, Qiang O, Yu T, et al. (2016) Effect of Octreotide on Hepatic Steatosis in Diet-Induced Obesity in Rats. PLoS ONE 11(3): e0152085 **IHC ; ="Rat"** . 27002331