



## Rabbit Anti-FASN antibody

SL1498R

<b>Product Name:</b>	FASN
<b>Chinese Name:</b>	脂肪酸合成酶抗体
<b>Alias:</b>	fatty acid synthase; FASN; FAS; FA Synthase 1; MGC14367; MGC15706; OA-519; Fatty acid synthase; [Acyl-carrier-protein] S-acetyltransferase; [Acyl-carrier-protein] S-malonyltransferase; 3-hydroxypalmitoyl-[acyl-carrier-protein] dehydratase; 3-oxoacyl-[acyl-carrier-protein] reductase; 3-oxoacyl-[acyl-carrier-protein] synthase; Enoyl-[acyl-carrier-protein] reductase; Oleoyl-[acyl-carrier-protein] hydrolase; FAS_MOUSE.
<b>文献引用</b> <b>PubMed</b> :	<p><b>Specific References(3)</b> SL1498R has been referenced in 3 publications.</p> <p><b>[IF=1.65]</b>Zhu, J. J., et al. "Inhibition of FASN reduces the synthesis of medium-chain fatty acids in goat mammary gland." <i>Animal</i> (2014): 1-10.<b>other</b>; <a href="#">PubMed:24909980</a></p> <p><b>[IF=3.23]</b>Chen Z, Luo J, Ma L, Wang H, Cao W, Xu H, et al. (2015) MiR130b-Regulation of PPAR<math>\gamma</math> Coactivator- 1<math>\alpha</math> Suppresses Fat Metabolism in Goat Mammary Epithelial Cells. <i>PLoS ONE</i> 10(11): e0142809<b>WB;Goat</b>. <a href="#">PubMed:26579707</a></p> <p><b>[IF=3.23]</b>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. <i>PLoS ONE</i> 11(3): e0152085<b>IHC-P;Rat</b>. <a href="#">PubMed:27002331</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair)

	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	272kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from mouse FASN:651-750/2511
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>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.</p> <p><b>Function:</b> 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.</p> <p><b>Subunit:</b> Homodimer which is arranged in a head to tail fashion.</p> <p><b>Subcellular Location:</b> Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.</p> <p><b>Tissue Specificity:</b> Ubiquitous. Prominent expression in brain, lung, and liver.</p> <p><b>Similarity:</b> Contains 1 acyl carrier domain.</p> <p><b>SWISS:</b> P19096</p> <p><b>Gene ID:</b> 14104</p> <p><b>Database links:</b> <a href="#">Entrez Gene: 2194</a>Human</p>

[Entrez Gene: 14104](#)Mouse

[Entrez Gene: 50671](#)Rat

[Entrez Gene: 281152](#)Cow

[Omim: 600212](#)Human

[SwissProt: P12276](#)Chicken

[SwissProt: Q71SP7](#)Cow

[SwissProt: P49327](#)Human

[SwissProt: P19096](#)Mouse

[SwissProt: P12785](#)Rat

[Unigene: 8951](#)Chicken

[Unigene: 30099](#)Cow

[Unigene: 83190](#)Human

[Unigene: 236443](#)Mouse

[Unigene: 9486](#)Rat

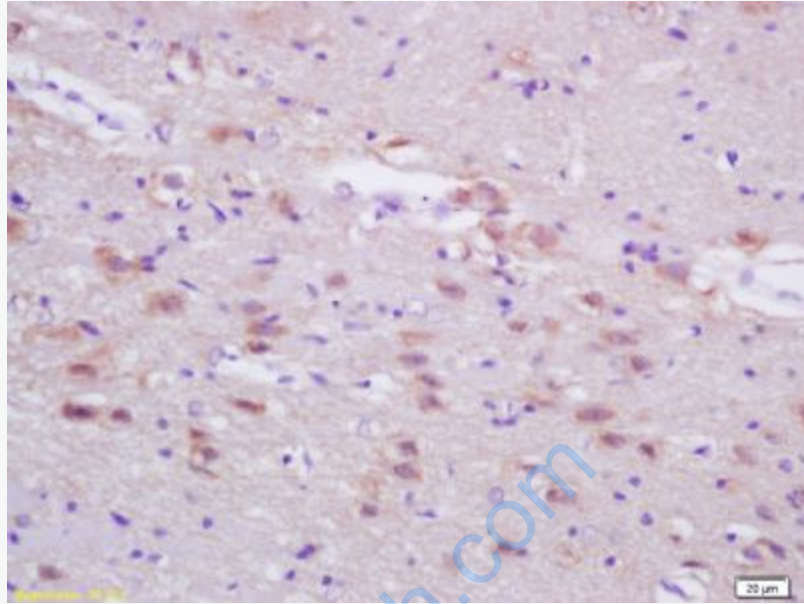
**Important Note:**

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

Synthesis and Degradation (Synthesis and Degradation)

脂肪酸合成酶fatty acid

synthase是一种新的TumourMaker,高表达常提示Tumour的预后不良.



**Picture:**

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(SL1498R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining