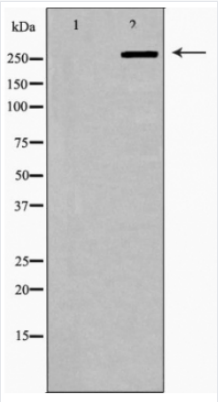
FASN Antibody

PRODUCT OVERVIEW

Product Name	FASN, Antibody
Full Product Name	FASN Antibody
Product Gene Name	anti-FASN antibody
Product Synonym Names	FASN; FAS; MGC14367; MGC15706; OA-519; SDR27X1
Species Reactivity	Human, Mouse, Rat
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	FASN Antibody detects endogenous levels of total FASN
Preparation and Storage	Store at-20 degree C for 1 year
Molecular Weight	272kDa
OMIM	600212
3D Structure	ModBase 3D Structure for P49327
Immunogen	Recombinant protein of human FASN
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FASN antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-FASN antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-FASN antibody	Fatty acid synthase (FASN) catalyzes the synthesis of long-chain fatty acids from acetyl-CoA and malonyl-CoA.
Other Notes	Small volumes of anti-FASN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FASN purchase	MBS8516023 is an antibody targeting FASN. Also known as FASN Antibody. Reactive in Human, Mouse, Rat.



Western Blot (WB) of anti-FASN antibody
Western blot analysis of extracts of various cell lines, using FASN antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FASN. It may not necessarily be applicable to this product.

NCBI GI #	41872631
NCBI GeneID	2194
NCBI Accession #	NP_004095.4
UniProt Primary Accession #	P49327
UniProt Secondary Accession #	Q13479; Q16702; Q4LE83; Q6P4U5; Q6SS02; Q969R1; Q96C68; Q96IT0
UniProt Related Accession #	P49327
GenBank Nucleotide #	NM_004104.4
NCBI Official Full Name	fatty acid synthase
NCBI Official Synonym Full Names	fatty acid synthase
NCBI Official Symbol	FASN
NCBI Official Synonym Symbols	FAS; OA-519; SDR27X1
UniProt Protein Name	Fatty acid synthase
Protein Family	Fatty acid synthase
UniProt Gene Name	FASN
UniProt Synonym Gene Names	FAS
NCBI Protein Information	fatty acid synthase
NCBI Summary for FASN	The enzyme encoded by this gene is a multifunctional protein. Its main function is to catalyze the synthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-chain saturated fatty acids. In some cancer cell lines, this protein has been found to be fused with estrogen receptor-alpha (ER-alpha), in which the N-terminus of FAS is fused in-frame with the C-terminus of ER-alpha. [provided by RefSeq, Jul 2008]
UniProt Comments for 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 as an acyl carrier protein.
Research Articles on FASN	**1.** Fatty acid synthase (FASN) mRNA and protein overexpression were associated with unfavorable clinicopathologic factors and poor outcomes.
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