FASN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FASN, Polyclonal Antibody
Full Product Name	FASN (FAS, Fatty Acid Synthase, MGC14367, MGC15706) (MaxLight 490)
Product Gene Name	anti-FASN antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FASN.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human FASN, aa1-439 (AAH07909.1).
Immunogen Sequence	MSTNDTIVSGTLPQRMASCLEVLDLFLNQPHMVLSSFVLAEKAAAYRDRDSQRDLVEAVAHILGIRDLAAVNLDSSLADLGLDSLMSVEVRQTLERELNLV
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-FASN antibody	Antibodies; Enzymes; Synthase
Applications Tested/Suitable for anti-FASN antibody	Western Blot (WB)
Application Notes for anti-FASN antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FASN antibody	FAS (Fatty Acid Synthase) is a central enzyme in de novo lipogenesis (triglyceride production). It is a target for SREBP and is upregulated by LXR activ
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 necess
Searchable Terms for FASN purchase	MBS6378169 is an antibody targeting FASN. Also known as FASN (FAS, Fatty Acid Synthase, MGC14367, MGC15706) (MaxLight 490). Reactive in H

ADDITIONAL DETAILS

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

NCBI GI #	14043942
NCBI GeneID	2194
NCBI Accession #	BC007909.1
NCBI Related Accession #	AAH07909.1
UniProt Related Accession #	P49327
NCBI Official Full Name	Homo sapiens fatty acid synthase, mRNA
NCBI Official Synonym Full Names	fatty acid synthase
NCBI Official Symbol	FASN
NCBI Official Synonym Symbols	FAS; OA-519; SDR27X1
Protein Family	Fatty acid synthase
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]
Research Articles on FASN	**1.** Our results have suggested a tumor suppressive role for miR-195 in the tumorigenesis and progression of malignant meningioma by targeting FASN
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