Product Datasheet

FASN antibody

Catalog No: #38133

Package Size: #38133-1 50ul #38133-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

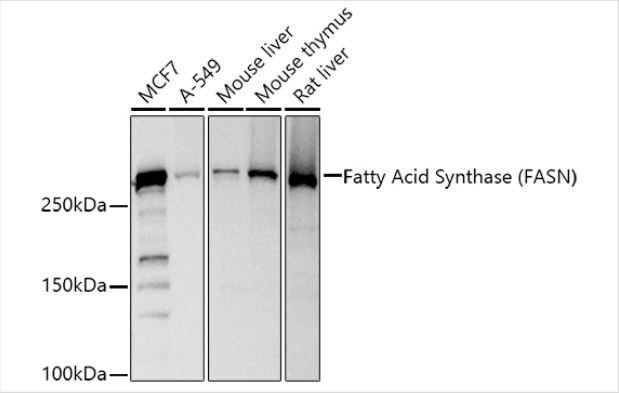
Description

Product Name	FASN antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total FASN protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human Fatty Acid Synthase (FASN) (NP_004095.4).
Conjugates	Unconjugated
Target Name	FASN
Other Names	FAS;OA-519;SDR27X1;FASN
Accession No.	Uniprot:P49327GeneID:2194
SDS-PAGE MW	273KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

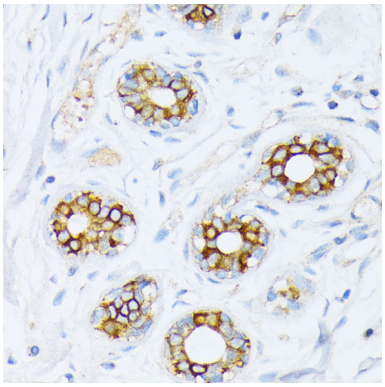
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

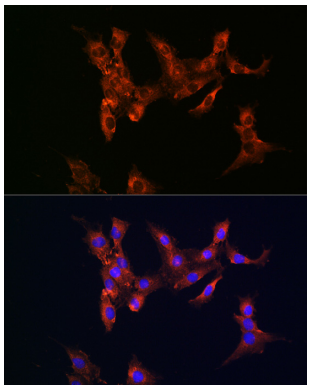
Images



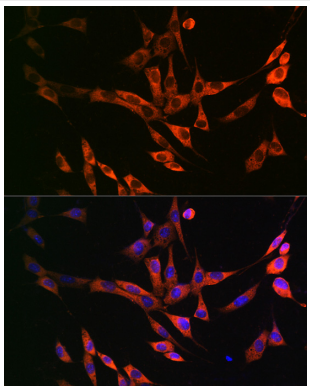
Western blot analysis of extracts of various cell lines, using Fatty Acid Synthase (FASN) antibody.



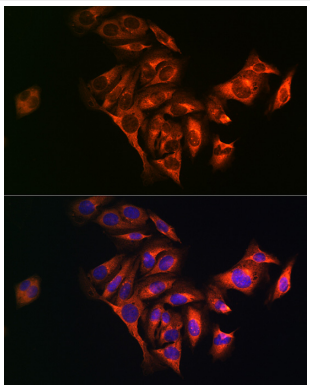
Immunohistochemistry of paraffin-embedded human breast cancer using Fatty Acid Synthase (FASN) antibody.



Immunofluorescence analysis of C6 cells using Fatty Acid Synthase (FASN) Rabbit pAb.



Immunofluorescence analysis of NIH/3T3 cells using Fatty Acid Synthase (FASN) Rabbit pAb.



Immunofluorescence analysis of U2OS cells using Fatty Acid Synthase (FASN) Rabbit pAb.

Background

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.

Published Papers

el at., Hepatoprotective effects of Xiaoyao San formula on hepatic steatosis and inflammation via regulating the sex hormones metabolism. In World J Hepatol on 2024 Jul 27 by Xiao-Li Mei , Shu-Yi Wu ,et al..PMID:39086531, , (2024)

PMID:39086531