FASN antibody

Catalog No: #38133

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

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

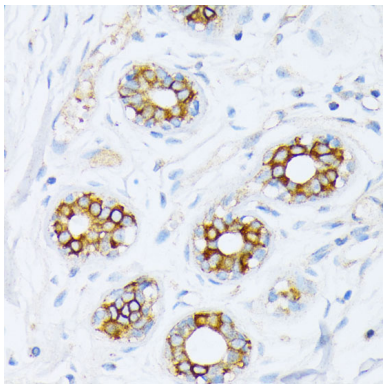
Description

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.

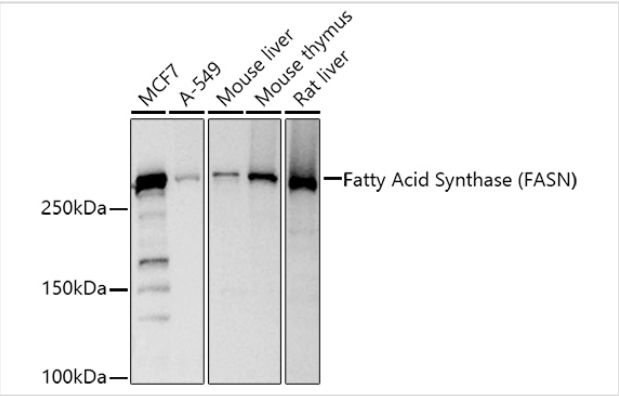
Application Details

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

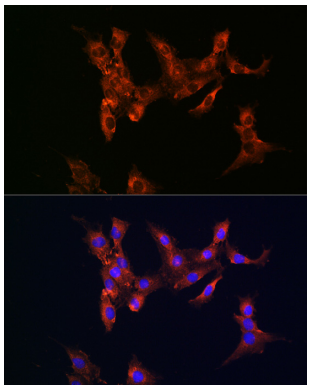
Images



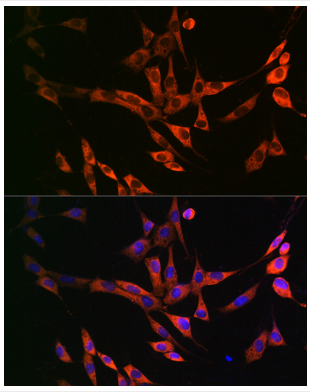
Immunohistochemistry of paraffin-embedded human breast cancer using Fatty Acid Synthase (FASN) antibody.



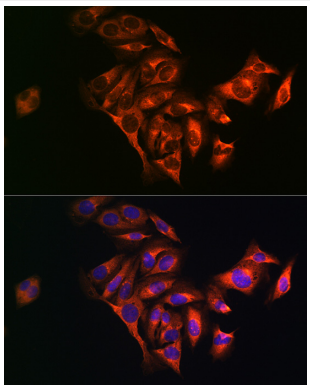
Western blot analysis of extracts of various cell lines, using Fatty Acid Synthase (FASN) antibody.



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