

FASN Antibody

Catalog No: #43451

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

Description

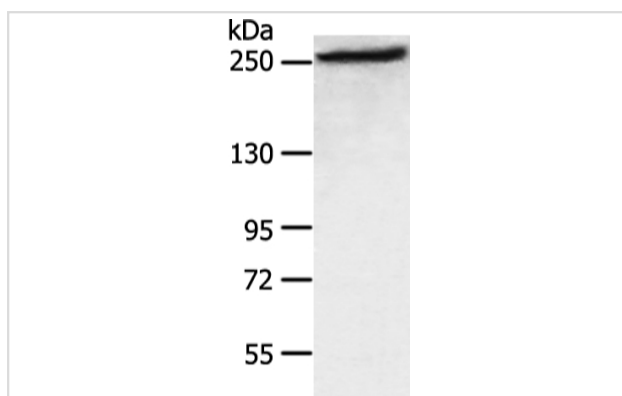
Product Name	FASN Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total FASN protein.
Immunogen Description	Synthetic peptide of human FASN
Target Name	FASN
Other Names	FAS; OA-519; SDR27X1
Accession No.	Swiss-Prot#: P49327 Gene ID: 2194
Uniprot	P49327
GeneID	2194;
Calculated MW	273kd
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000.

Immunohistochemistry: 1:20-1:100

Images



Gel: 6%SDS-PAGE

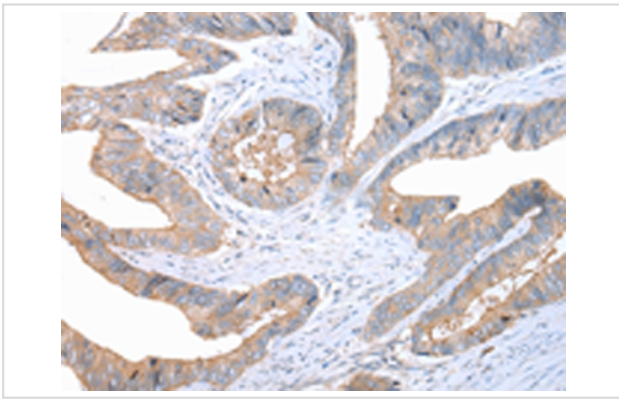
Lysate: 40 µg

Lane: HeLa cell

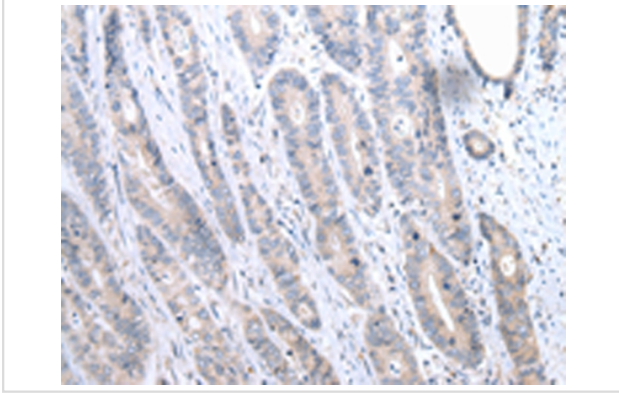
Primary antibody: 1/350 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



Immunohistochemical analysis of paraffin-embedded Human colorectal cancer tissue using #43451 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #43451 at dilution 1/20.

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.?

Note: This product is for in vitro research use only