

Anti-FASN antibody

Cat. No.	ml262701
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-FASN rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human FASN
Reactivity	Human, Mouse, Rat
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	FASN
Full name	fatty acid synthase

Synonyms FAS; OA-519; SDR27X1

Swissprot P49327

Target 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.

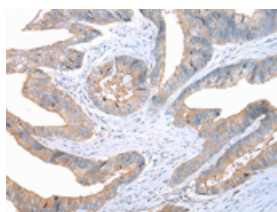
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colorectal cancer

Recommended dilution: 10-50

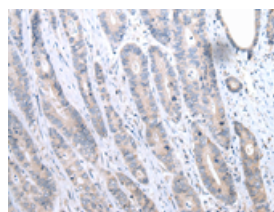


The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml262701(FASN Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human gastric cancer

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml262701(FASN Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 273 kDa

Positive control: Hela cell

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

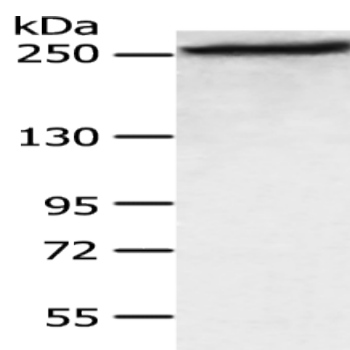
Lysate: 40 μ g

Lane: HeLa cell

Primary antibody: ml262701(FASN Antibody) at dilution 1/350

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

Exposure time: 5 seconds



ELISA

Recommended dilution: 1000-2000

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