

# Fatty Acid Synthase Rabbit mAb

Catalog # AP78991

## Product Information

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<b>Application</b>	WB, IHC-P, FC, IP, ICC
<b>Primary Accession</b>	<a href="#">P49327</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	273427

## Additional Information

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<b>Gene ID</b>	2194
<b>Other Names</b>	FASN
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A FC~~1:10~50 IP~~N/A ICC~~N/A
<b>Format</b>	Liquid

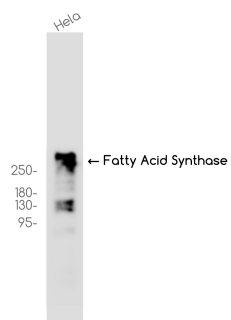
## Protein Information

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<b>Name</b>	FASN
<b>Synonyms</b>	FAS
<b>Function</b>	Fatty acid synthetase is a multifunctional enzyme that catalyzes the de novo biosynthesis of long-chain saturated fatty acids starting from acetyl-CoA and malonyl-CoA in the presence of NADPH. This multifunctional protein contains 7 catalytic activities and a site for the binding of the prosthetic group 4'-phosphopantetheine of the acyl carrier protein ([ACP]) domain.
<b>Cellular Location</b>	Cytoplasm. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV
<b>Tissue Location</b>	Ubiquitous. Prominent expression in brain, lung, liver and mammary gland.

## Images

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