

**Fatty Acid Synthase Rabbit mAb**  
**Catalog # AP78991****Specification**

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**Fatty Acid Synthase Rabbit mAb - Product Information**

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

**Fatty Acid Synthase Rabbit mAb - Additional Information****Gene ID** 2194**Other Names**  
FASN**Dilution**  
WB~~1/500-1/1000  
IHC-P~~N/A  
FC~~1:10~50  
IP~~N/A  
ICC~~N/A**Format**  
Liquid**Fatty Acid Synthase Rabbit mAb - Protein Information****Name** FASN**Synonyms** FAS**Function**

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.

**Cellular Location**

Cytoplasm. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

**Tissue Location**

Ubiquitous. Prominent expression in brain, lung, liver and mammary gland.

## Fatty Acid Synthase Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Fatty Acid Synthase Rabbit mAb - Images

