

**Fatty Acid Synthase Polyclonal Antibody**  
Catalog # AP69866**Specification**

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**Fatty Acid Synthase Polyclonal Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">P49327</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**Fatty Acid Synthase Polyclonal Antibody - Additional Information****Gene ID** 2194**Other Names**

FASN; FAS; Fatty acid synthase

**Dilution**

IHC~~IHC-p: 100-300. Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Fatty Acid Synthase Polyclonal Antibody - 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**

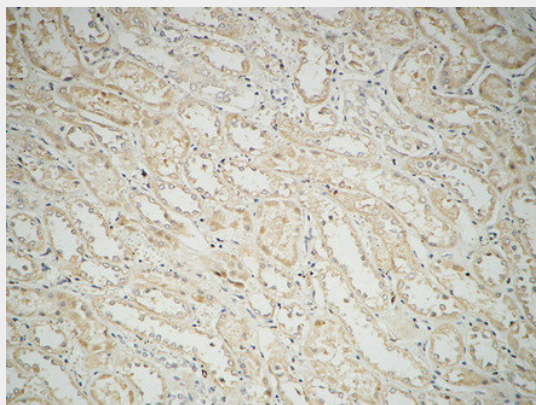
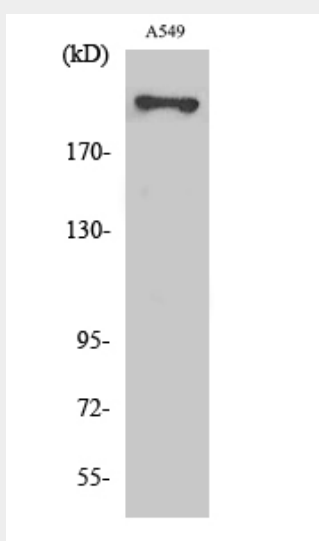
Ubiquitous. Prominent expression in brain, lung, liver and mammary gland.

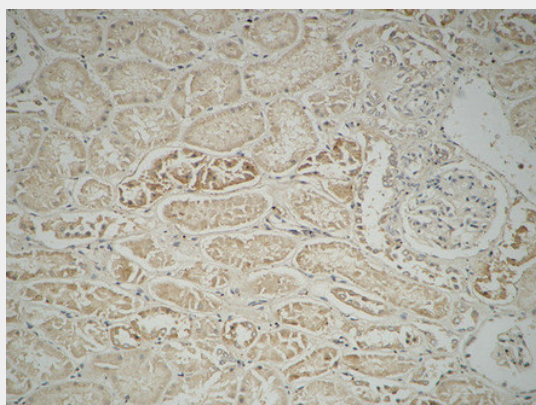
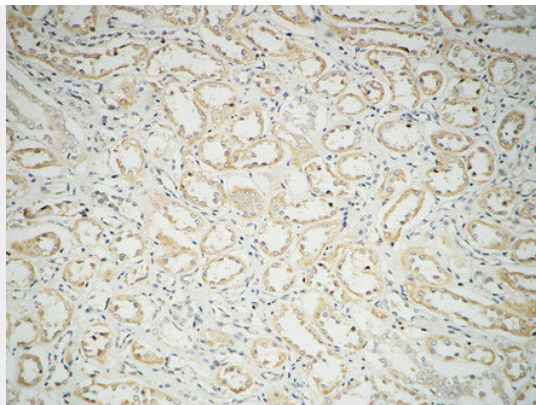
## Fatty Acid Synthase Polyclonal Antibody - Protocols

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 Polyclonal Antibody - Images





### **Fatty Acid Synthase Polyclonal Antibody - Background**

Fatty acid synthetase catalyzes the formation of long- chain fatty acids from acetyl-CoA, malonyl-CoA and NADPH. This multifunctional protein has 7 catalytic activities as an acyl carrier protein.