

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

Fatty Acid Synthase Polyclonal Antibody - Product Information

Application	IHC
Primary Accession	P49327
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

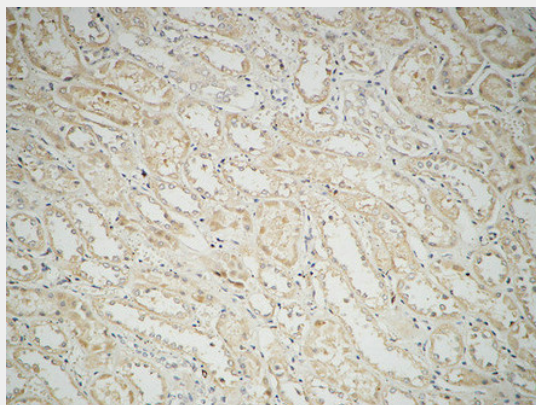
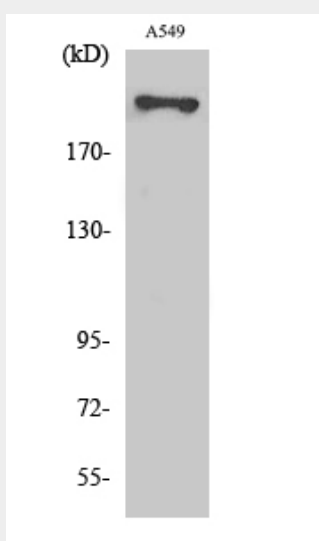
Ubiquitous. Prominent expression in brain, lung, liver and mammary gland.

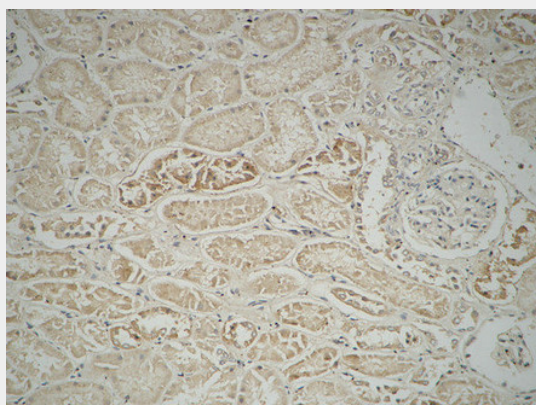
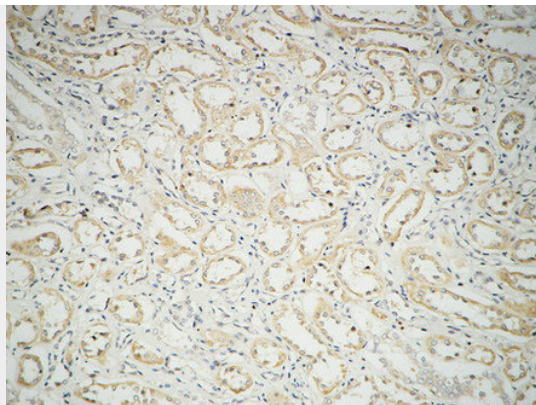
Fatty Acid Synthase Polyclonal Antibody - Protocols

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.