

ATP-citrate synthase Polyclonal Antibody
Catalog # AP68598**Specification**

ATP-citrate synthase Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P53396
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal

ATP-citrate synthase Polyclonal Antibody - Additional Information**Gene ID** 47**Other Names**

ACLY; ATP-citrate synthase; ATP-citrate; pro-S-)lyase; ACL; Citrate cleavage enzyme

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. 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

ATP-citrate synthase Polyclonal Antibody - Protein Information**Name** ACLY**Function**

Catalyzes the cleavage of citrate into oxaloacetate and acetyl-CoA, the latter serving as common substrate for de novo cholesterol and fatty acid synthesis.

Cellular Location

Cytoplasm, cytosol.

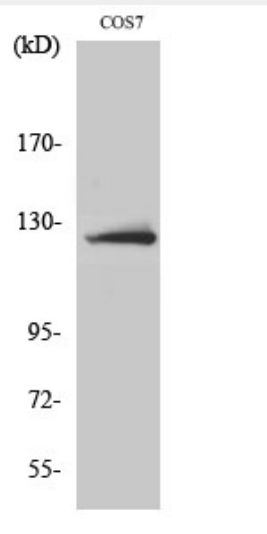
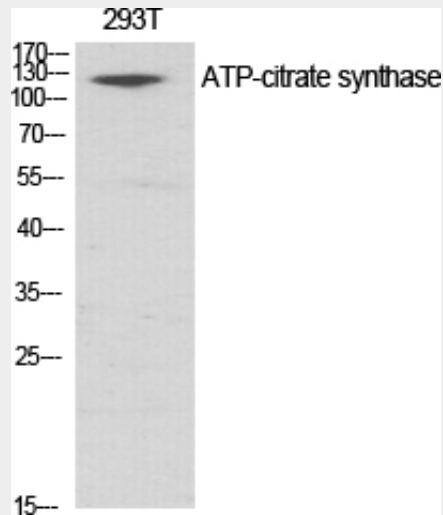
ATP-citrate synthase Polyclonal Antibody - Protocols

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](#)

ATP-citrate synthase Polyclonal Antibody - Images



ATP-citrate synthase Polyclonal Antibody - Background

ATP-citrate synthase is the primary enzyme responsible for the synthesis of cytosolic acetyl-CoA in many tissues. Has a central role in de novo lipid synthesis. In nervous tissue it may be involved in the biosynthesis of acetylcholine.