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ATP-citrate synthase Polyclonal Antibody
Catalog # AP68598

Specification

ATP-citrate synthase Polyclonal Antibody - Product Information

Application	**WB, IF**
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.
IF~~1:50~200

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

Storage Conditions
-20℃

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 in multiple biochemical reactions in protein, carbohydrate and lipid metabolism.

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

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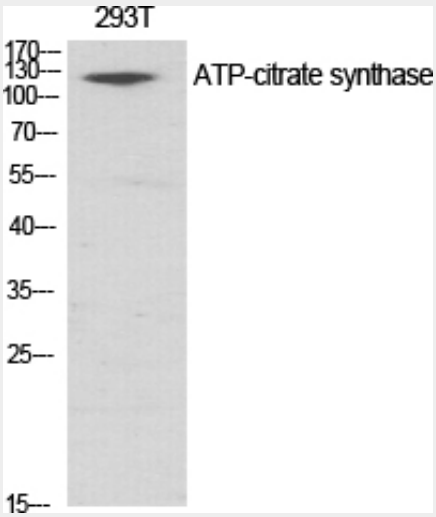
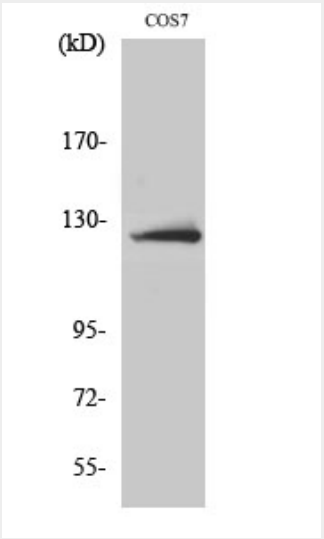
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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.