

ACSF3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5910c

Specification

ACSF3 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q4G176
Other Accession	NP_001120686.1 , NP_777577.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	413-442

ACSF3 Antibody (Center) - Additional Information

Gene ID 197322

Other Names

Acyl-CoA synthetase family member 3, mitochondrial, 621-, ACSF3

Target/Specificity

This ACSF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 413-442 amino acids from the Central region of human ACSF3.

Dilution

WB~~1:1000
IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ACSF3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ACSF3 Antibody (Center) - Protein Information

Name ACSF3 ([HGNC:27288](#))

Function Catalyzes the initial reaction in intramitochondrial fatty acid synthesis, by activating malonate and methylmalonate, but not acetate, into their respective CoA thioester

(PubMed:[21846720](#), PubMed:[21841779](#)). May have some preference toward very-long-chain substrates (PubMed:[17762044](#)).

Cellular Location

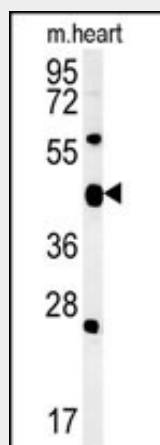
Mitochondrion

ACSF3 Antibody (Center) - Protocols

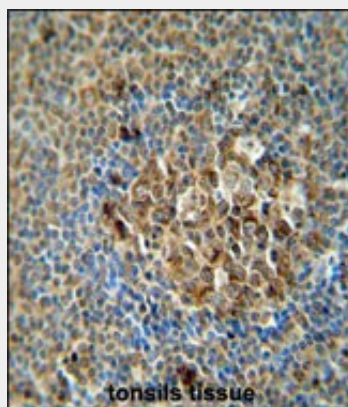
Provided below are standard protocols that you may find useful for product applications.

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

ACSF3 Antibody (Center) - Images



ACSF3 Antibody (Center) (Cat. #AP5910c) western blot analysis in mouse heart tissue lysates (15ug/lane). This demonstrates the ACSF3 antibody detected ACSF3 protein (arrow).



ACSF3 antibody (Center) (Cat. #AP5910c) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsils tissue followed by peroxidase conjugation of the secondary

antibody and DAB staining. This data demonstrates the use of the ACSF3 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.