

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

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**ACSF3 Antibody (Center) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q4G176</a>
Other Accession	<a href="#">NP_001120686.1</a> , <a href="#">NP_777577.2</a>
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**

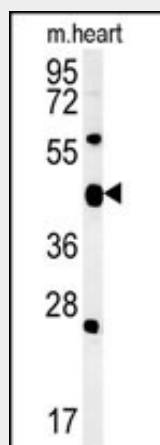
Mitochondrion

#### **ACSF3 Antibody (Center) - Protocols**

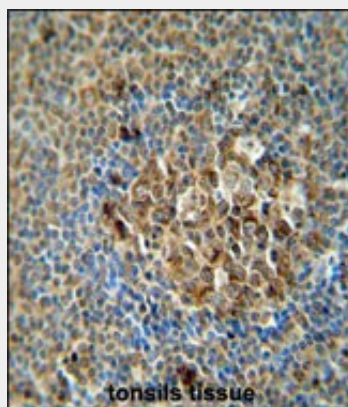
Provided below are standard protocols that you may find useful for product applications.

- [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.