

ACSF2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21538c

Product Information

Application	WB, E
Primary Accession	Q96CM8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB50354
Calculated MW	68125

Additional Information

Gene ID	80221
Other Names	Acyl-CoA synthetase family member 2, mitochondrial, 621-, ACSF2
Target/Specificity	This ACSF2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 198-232 amino acids from the Central region of human ACSF2.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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	ACSF2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ACSF2 (HGNC:26101)
Function	Acyl-CoA synthases catalyze the initial reaction in fatty acid metabolism, by forming a thioester with CoA (PubMed: 17762044). Has some preference toward medium-chain substrates (PubMed: 17762044). Plays a role in adipocyte differentiation (PubMed: 16380219).
Cellular Location	Mitochondrion.

Background

Acyl-CoA synthases catalyze the initial reaction in fatty acid metabolism, by forming a thioester with CoA. Has some preference toward medium-chain substrates. Plays a role in adipocyte differentiation.

References

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).

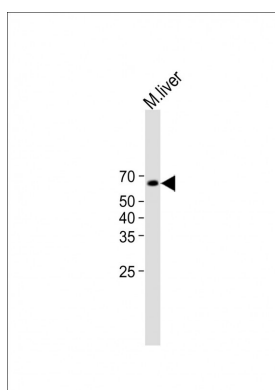
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Zody M.C.,et al.Nature 440:1045-1049(2006).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Perera R.J.,et al.Gene 369:90-99(2006).

Images



All lanes: Anti-ACSF2 Antibody (Center) at 1:2000 dilution + Mouse liver lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 68 KDa Blocking/Dilution buffer: 5% NFDm/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.