

AP45251PU-N

Polyclonal Antibody to ACAA2 - Aff - Purified

Alternate names:	3-ketoacyl-CoA thiolase mitochondrial, Acetyl-CoA acyltransferase, Beta-ketothiolase, Mitochondrial 3-oxoacyl-CoA thiolase, T1
Quantity:	0.1 ml
Background:	ACAA2 catalyzes the last step of the mitochondrial fatty acid beta-oxidation spiral. Unlike most mitochondrial matrix proteins, it contains a non-cleavable amino-terminal targeting signal. The encoded protein catalyzes the last step of the mitochondrial fatty acid beta-oxidation spiral. Unlike most mitochondrial matrix proteins, it contains a non-cleavable amino-terminal targeting signal.
Uniprot ID:	P42765
NCBI:	NP_006102
GenelD:	10449
Host:	Rabbit
Immunogen:	Synthetic peptide directed towards the N terminal of human ACAA2 AA Sequence: ALLRGVFVVAAKRTPFGAYGGLLKDFATDLSEFAAKAALSAGKVSPETV
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Immunoaffinity column
Applications:	Western blotting (0.2 -1 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Horse, Bovine, Dog, Mouse, Rabbit, Rat, Pig, Guinea Pig, Zebrafish, Chicken
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Aboulaich, N., Biochem. J. 383 (PT 2), 237-248 (2004)
Pictures:	Human Liver; WB Suggested Anti-ACAA2 Antibody Titration: 0.2-1 µg/ml. ELISA Titer: 1:312500. Positive Control: Human Liver; ACAA2 antibody - N-terminal region (AP45251PU-N) in Human Liver cells using Western Blot

