

Product datasheet for **AP45251PU-N**

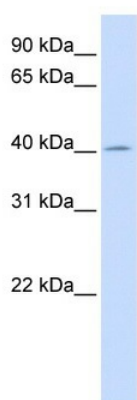
ACAA2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blotting (0.2 -1 µg/ml).
Reactivity:	Bovine, Chicken, Human, Mouse, Porcine, Rat, African clawed frog
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide directed towards the N terminal of human ACAA2
Formulation:	State: Aff - Purified State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Immunoaffinity column
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	acetyl-CoA acyltransferase 2
Database Link:	Entrez Gene 52538 Mouse Entrez Gene 170465 Rat Entrez Gene 10449 Human P42765
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.
Synonyms:	Beta-ketothiolase, Acetyl-CoA acyltransferase
Protein Pathways:	Fatty acid elongation in mitochondria, Fatty acid metabolism, Metabolic pathways, Valine, leucine and isoleucine degradation



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Product images:

Human Liver; WB Suggested Anti-ACAA2 Antibody Titration: 0.2-1 ug/ml. ELISA Titer: 1:312500. Positive Control: Human Liver; ACAA2 antibody - N-terminal region (AP45251PU-N) in Human Liver cells using Western Blot