

Product datasheet for **AP23097PU-N**

ACADS (1-104) Rabbit Polyclonal Antibody

Product data:

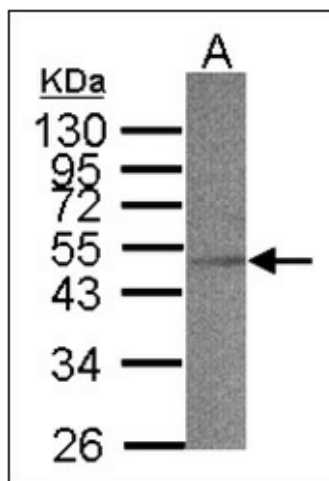
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 10 µg/ml. Western Blot: 1/500 - 1/3000.
Reactivity:	Bovine, Human, Mouse, Porcine, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 1 and 104 of Human SCAD
Specificity:	This antibody detects ACADS at aa 1-104.
Formulation:	PBS, pH 7, 1% BSA, 20% Glycerol, 0.01% Thimerosal State: Aff - Purified State: Liquid Ig fraction
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store (in aliquots) at -20 °C. Dilute only prior to immediate use. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	acyl-CoA dehydrogenase, C-2 to C-3 short chain
Database Link:	Entrez Gene 11409 Mouse Entrez Gene 64304 Rat Entrez Gene 35 Human P16219
Background:	The nuclear ACADS gene encodes a mitochondrially-targeted protein product. Acyl-Coenzyme A dehydrogenase, short-chain specific, catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Clinical phenotypes, described elsewhere, are associated with ACADS hereditary deficiency.
Synonyms:	SCAD
Protein Families:	Druggable Genome



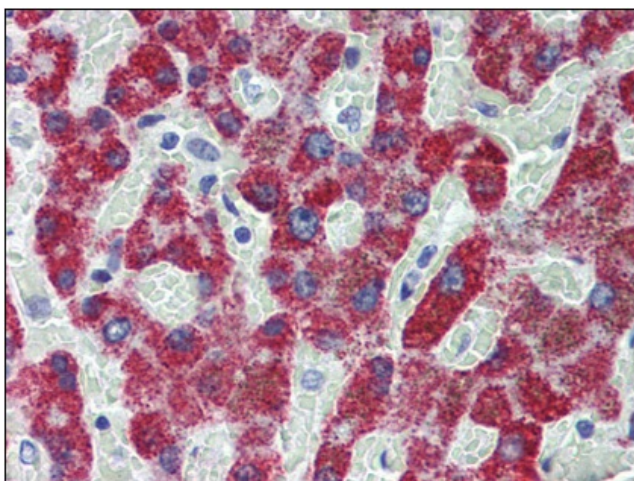
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Protein Pathways: Butanoate metabolism, Fatty acid metabolism, Metabolic pathways, Valine, leucine and isoleucine degradation

Product images:



Western Blot Image: Sample (30 ug of whole cell lysate). A: MOLT4. 12% SDS PAGE. ACADS antibody diluted at 1:500.



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)