

ACAD-10 Polyclonal Antibody

Catalog No :	YT0068
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;WB;ELISA
Target :	ACAD-10
Gene Name :	ACAD10
Protein Name :	Acyl-CoA dehydrogenase family member 10
Human Gene Id :	80724
Human Swiss Prot No :	Q6JQN1
Mouse Swiss Prot No :	Q8K370
Immunogen :	The antiserum was produced against synthesized peptide derived from human ACAD10. AA range:231-280
Specificity :	ACAD-10 Polyclonal Antibody detects endogenous levels of ACAD-10 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	120kD

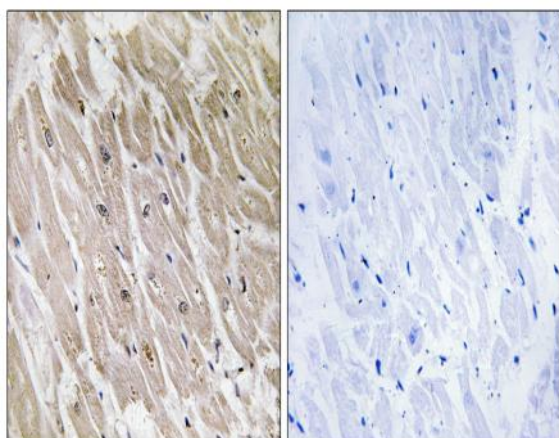
Background : acyl-CoA dehydrogenase family member 10(ACAD10) Homo sapiens This gene encodes a member of the acyl-CoA dehydrogenase family of enzymes (ACADs), which participate in the beta-oxidation of fatty acids in mitochondria. The encoded enzyme contains a hydrolase domain at the N-terminal portion, a serine/threonine protein kinase catalytic domain in the central region, and a conserved ACAD domain at the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Nov 2008],

Function : similarity:Belongs to the acyl-CoA dehydrogenase family.,tissue specificity:Widely expressed with higher expression in liver, kidney, pancreas and spleen.,

Subcellular Location : mitochondrion,mitochondrial matrix,

Expression : Widely expressed with highest expression in fetal brain, followed by heart, muscle, kidney and adult brain. Expression levels varying from isoform to isoform.

Products Images



Immunohistochemistry analysis of paraffin-embedded human heart, using ACAD10 Antibody. The picture on the right is blocked with the synthesized peptide.