



ACAD-10 rabbit pAb

Cat No.:ES7619

For research use only

Overview

Product Name	ACAD-10 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Acyl-CoA dehydrogenase family member 10
Gene Name	ACAD10
Cellular localization	mitochondrion,mitochondrial matrix,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	120kD
Human Gene ID	80724
Human Swiss-Prot Number	Q6JQN1
Alternative Names	ACAD10; Acyl-CoA dehydrogenase family member 10; ACAD-10
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],

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

