

Anti-ACAD-9 antibody



Description	Rabbit polyclonal to ACAD-9.
Model	STJ91435
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human ACAD-9
Immunogen Region	530-610 aa, C-terminal
Gene ID	28976
Gene Symbol	ACAD9
Dilution range	IHC 1:100-1:300ELISA 1:20000
Specificity	ACAD-9 Polyclonal Antibody detects endogenous levels of ACAD-9 protein.
Tissue Specificity	Ubiquitously expressed in most normal human tissues and cancer cell lines with high level of expression in heart, skeletal muscles, brain, kidney and liver.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Acyl-CoA dehydrogenase family member 9, mitochondrial ACAD-9
Molecular Weight	68.76 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:21497OMIM:611103
Alternative Names	Acyl-CoA dehydrogenase family member 9, mitochondrial ACAD-9
Function	Required for mitochondrial complex I assembly . Has a dehydrogenase activity on palmitoyl-CoA (C16:0) and stearoyl-CoA (C18:0). It is three times more active on palmitoyl-CoA than on stearoyl-CoA. However, it does not play a primary role in long-chain fatty acid oxidation in vivo . Has little activity on octanoyl-CoA (C8:0), butyryl-CoA (C4:0) or isovaleryl-CoA (5:0).
Cellular Localization	Mitochondrion

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