

ACAD-9 rabbit pAb

Cat No.: ES5643

For research use only

Overview

Product Name ACAD-9 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/20000. Not yet tested in other applications.

Immunogen Synthesized peptide derived from ACAD-9 . at AA

range: 530-610

Specificity ACAD-9 Polyclonal Antibody detects endogenous

levels of ACAD-9 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 9

mitochondrial

Gene Name ACAD9

Cellular localization Mitochondrion inner membrane; Peripheral

membrane protein; Matrix side. Essentially

associated with membranes. .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 28976 Human Swiss-Prot Number Q9H845

Alternative Names ACAD9; Acyl-CoA dehydrogenase family member 9;

mitochondrial; ACAD-9

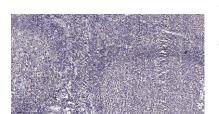
Background This gene encodes a member of the acyl-CoA

dehydrogenase family. Members of this family of proteins localize to the mitochondria and catalyze the rate-limiting step in the beta-oxidation of fatty





acyl-CoA. The encoded protein is specifically active toward palmitoyl-CoA and long-chain unsaturated substrates. Mutations in this gene cause acyl-CoA dehydrogenase family member type 9 deficiency. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Mar 2010],



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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