

ACADS

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:44kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human ACADS

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SCAD; ACAD3;

Catalog #:A7230

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:35

Isotype:IgG

Swiss Prot:P16219

Purity:Affinity purification

For research use only.

Background:

This gene encodes a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with short-chain acyl-CoA dehydrogenase (SCAD) deficiency. Alternative splicing results in two variants which encode different isoforms.

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