

## 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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