

## ACAD9

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:** 69kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human ACAD9

**Storage Buffer:**

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

**Synonym:**

NPD002;

**Catalog #:** A7798

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 28976

**Isotype:** IgG

**Swiss Prot:** Q9H845

**Purity:** Affinity purification

For research use only.

**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.

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