

# ACAD9 Rabbit pAb

**Catalog No.: A14121**

## Basic Information

### Observed MW

68kDa

### Calculated MW

69kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:2000

## Immunogen Information

### Gene ID

28976

### Swiss Prot

Q9H845

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human ACAD9 (NP\_054768.2).

### Synonyms

NPD002; MC1DN20; ACAD9

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

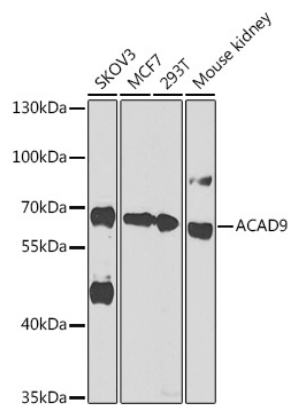
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using ACAD9 antibody (A14121) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.