

[KO Validated] ACAD9 Rabbit pAb

Catalog No.: A19942 **KO** Validated

Basic Information

Catalog No.

A19942

Observed MW

69KDa

Calculated MW

68kDa

Category

Primary antibody

Applications

WB, IF


Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IF	1:50 - 1:100

Contact

 | www.abclonal.com

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.

Immunogen Information

Gene ID	Swiss Prot
28976	Q9H845

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human ACAD9 (NP_054768.2).

Synonyms

ACAD9;NPD002

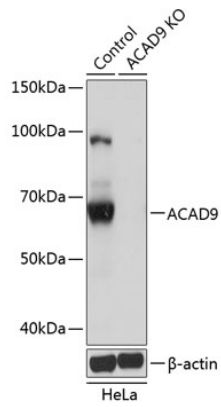
Product Information

Source	Isotype	Purification
Rabbit	IgG	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 from normal (control) and ACAD9 knockout (KO) HeLa cells, using ACAD9 antibody (A19942) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.