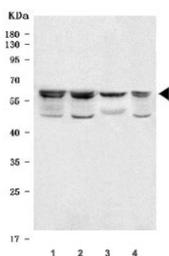


## ACAD9 Antibody (RQ7449)

Catalog No.	Formulation	Size
RQ7449	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Monkey
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q9H845
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This ACAD9 antibody is available for research use only.



Western blot testing of 1) human 293T, 2) human K562, 3) human MCF7 and 4) monkey COS-7 cell lysate with ACAD9 antibody. Predicted molecular weight ~69 kDa.

## Description

Acyl-CoA dehydrogenase family member 9, mitochondrial is an enzyme that in humans is encoded by the ACAD9 gene. 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.

## Application Notes

Optimal dilution of the ACAD9 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids Q110-D595) was used as the immunogen for the ACAD9 antibody.

## Storage

After reconstitution, the ACAD9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.