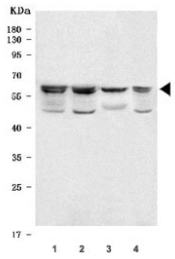
ACAD9 Antibody (RQ7449)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Monkey
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9H845
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	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.

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